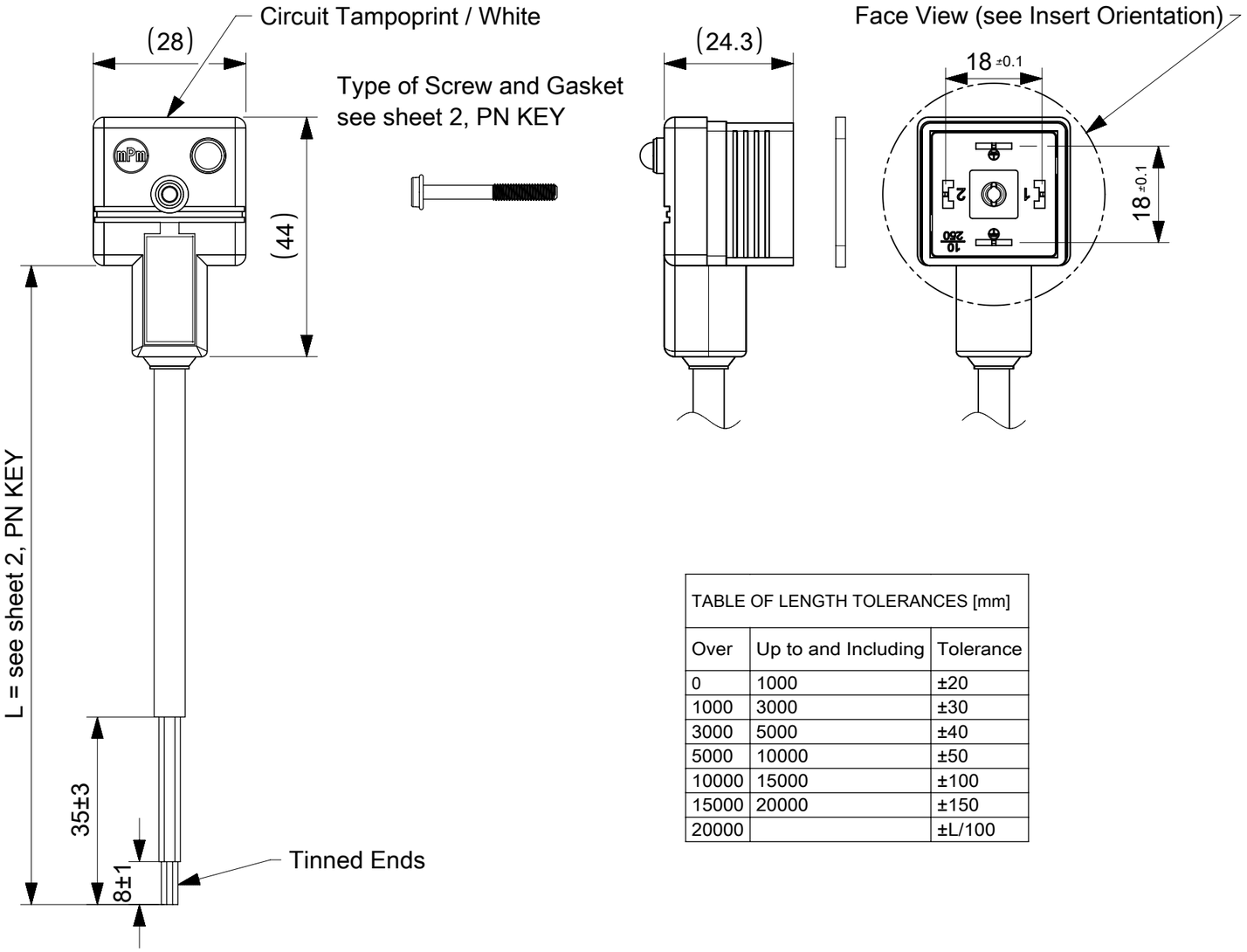


TABLE OF LENGTH TOLERANCES [mm]		
Over	Up to and Including	Tolerance
0	1000	±20
1000	3000	±30
3000	5000	±40
5000	10000	±50
10000	15000	±100
15000	20000	±150
20000		±L/100

INSERT ORIENTATION	
Housing 2 Poles + 2 Earths	Housing 3 Poles + 1 Earth
Earth H6/H12 E452XXXXXX1XXXX	Earth H12 E452XXXXXX2XXXX PIN 3 Not Used
Earth H3/H9 E452XXXXXX4XXXX	Earth H3 E452XXXXXX3XXXX PIN 3 Not Used
Earth H6/H12 E452XXXXXX1XC3X E452XXXXXX1XC7X E452XXXXXX1XR0X E452XXXXXX1XR2X	Earth H6 E452XXXXXX6XXXX PIN 3 Not Used
Insert rotated 180°	Earth H9 E452XXXXXX9XXXX PIN 3 Not Used

Type of Screws and Gaskets

Profiled Gasket	Flat Gasket	Integrated Gasket	Screw M3x25
(□ 29.5) (5.2) (1.8)	(□ 28) (1.8)	(□ 28) (1.8) (9.3)	(25) M3
			Screw M3x27 + Washer
			(27) M3 NBR Washer

DOCUMENT STATUS	P1	RELEASE DATE	2018/08/31 12:24:53

SYMBOLS: ▽ = 0; ▽ = 0; ▽ = 0; ▽ = 0; ▼ = 0; ▽ = 0; ☒ = 0; ■ = 0; ▽ = 0

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS: mm; SCALE: 1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL ± °

4 PLACES ±

3 PLACES ±

2 PLACES ±

1 PLACE ±

0 PLACES ±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 603741
DRWN: APAWLAK01 2018/07/13
CHK'D: RSILLER 2018/08/31
APPR: RSILLER 2018/08/31

INITIAL REVISION:
DRWN: APAWLAK01 2018/07/13
APPR: RSILLER 2018/08/31

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 121050

molex

STANDARD E452 DIN FORM A EN 175301-803

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1210502000	PSD	000	A

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE 1210502000_PDP	GENERAL MARKET	1 OF 3

FORMAT: molex_B_sized-A3
REVISION: H
DATE: 2018/01/16

PN KEY ENGINEERING PN

E	4	5	2	X	X	X	X	X	X	X	X	X	X	X

E - Packing without bag
W - Single Packing

Number of wires:
2 - 2 Wires + Earth

Cable type:
See Table

Head Colour:
G - Grey
N - Black
A - CSA-UL Black
B - CSA-UL Grey

Cable Length in[cm]
050 = 50cm
300 = 300cm
10K = 1000cm

Earth PIN location (see insert orientation table):
1 = Double Earth on H6 & H12
2 = Earth on H12
3 = Earth on H3
4 = Double Earth on H3 & H9
6 = Earth on H6
9 = Earth on H9

Wiring Configuration:
See sheet 3

Voltage and Led Colour

Red Led:	Green Led:	Yellow Led:
1 = 12V	A = 12V	G = 12V
2 = 24V	B = 24V	H = 24V
3 = 48V	C = 48V	K = 48V
4 = 115V	D = 115V	L = 115V
5 = 230V	E = 230V	M = 230V

Type of Gasket and Screw (see sheet 1):
1 = NBR Profile Gasket + Fixing Screw M3x25mm
2 = NBR Flat Gasket + Fixing Screw M3x25mm
3 = Silicone Profile Gasket + Fixing Screw M3x25mm
4 = Silicone Flat Gasket + Fixing Screw M3x25mm
P = NBR Integrated Gasket + Fixing Screw with Washer M3x27mm Assembled on Connector
R = NBR Integrated Gasket + Fixing Screw with Washer M3x27mm NOT Assembled on Connector
T = NBR Profile Gasket + Fixing Screw with Washer M3x27mm

CABLE TYPE	NO. OF WIRES	CROSS SECTION	CABLE O.D.	CABLE JACKET	UL	CSA	STATIC: TEMP. / BENDING RADIUS	DYNAMIC: TEMP. / BENDING RADIUS	SHIELD
A2	3	AWG 20	5.6mm±0.2	PVC BLACK	UL 2661	CSA C22.2	-30°C to +105°C, 10xO.D.	-5°C to +105°C, 15xO.D.	-
A3	3	AWG 18	6.5mm±0.25	PVC BLACK	UL 2661	CSA C22.2	-30°C to +105°C, 10xO.D.	-5°C to +105°C, 15xO.D.	-
B2	3	AWG 20	5.6mm±0.2	PUR BLACK	UL 20668	CSA C22.2	-40°C to +90°C, 5xO.D.	-25°C to +90°C, 10xO.D.	-
B3	3	AWG 18	6.5mm±0.2	PUR BLACK	UL 20668	CSA C22.2	-40°C to +90°C, 5xO.D.	-25°C to +90°C, 10xO.D.	-
F4	3	1mm²	7.1mm+0.2	PVC GREY	-	-	-15°C to +70°C, 10xO.D.	-5°C to +60°C, 15xO.D.	-
I0	3	1mm²	7.6mm±0.2	PVC GREY	-	-	-25°C to +70°C, 10xO.D.	-5°C to +70°C, 15xO.D.	YES
I2	3	0.5mm²	5.5mm+0.3	PVC GREY	-	-	-25°C to +70°C, 10xO.D.	-5°C to +70°C, 15xO.D.	-
I3	3	0.75mm²	6.0mm±0.2	PVC GREY	-	-	-25°C to +70°C, 10xO.D.	-5°C to +70°C, 15xO.D.	-
I4	3	1mm²	7.1mm+0.2	PVC GREY	-	-	-25°C to +70°C, 10xO.D.	-5°C to +70°C, 15xO.D.	-
N2	3	0.5mm²	5.6mm±0.7	PVC BLACK	-	-	-20°C to +70°C, 3xO.D.	-15°C to +70°C, 5xO.D.	-
N3	3	0.75mm²	6.8mm±0.8	PVC BLACK	-	-	-20°C to +70°C, 3xO.D.	-15°C to +70°C, 5xO.D.	-
N4	3	1mm²	7.15mm±0.85	PVC BLACK	-	-	-20°C to +70°C, 3xO.D.	-15°C to +70°C, 5xO.D.	-
P1	3	0.34mm²	5.3mm±0.2	PUR BLACK	-	-	-25°C to +80°C, 10xO.D.	-5°C to +80°C, 15xO.D.	
P2	3	0.5mm²	5.5mm+0.3	PUR BLACK	-	-	-40°C to +90°C, 7.5xO.D.	-15°C to +90°C, 12.5xO.D.	-
P3	3	0.75mm²	6.5mm±0.2	PUR BLACK	-	-	-40°C to +90°C, 7.5xO.D.	-15°C to +90°C, 12.5xO.D.	-
R4	3	1mm²	7.1mm±0.2	TPR HF BLACK	-	-	-	-	-
Y3	3	0.75mm²	6.5mm±0.2	SILICONE RED	-	-	-60°C to +180°C, 15xO.D.		-

Notes:
1. Please see excel sheet 1210502000_PDP for currently configured part numbers.
2. Drawing is a replacement for: SD-121050-001

DOCUMENT STATUS	P1	RELEASE DATE	2018/08/31 12:24:53

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SYMBOLS: = 0

DIMENSION UNITS: mm
SCALE: 1:1
GENERAL TOLERANCES (UNLESS SPECIFIED)
ANGULAR TOL ± °
4 PLACES ±
3 PLACES ±
2 PLACES ±
1 PLACE ±
0 PLACES ±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:
EC NO: 603741
DRWN: APAWLAK01 2018/07/13
CHK'D: RSILLER 2018/08/31
APPR: RSILLER 2018/08/31
INITIAL REVISION:
DRWN: APAWLAK01 2018/07/13
APPR: RSILLER 2018/08/31

THIRD ANGLE PROJECTION
DRAWING: A3-SIZE
SERIES: 121050

molex

STANDARD E452 DIN FORM A EN 175301-803

PRODUCT CUSTOMER DRAWING

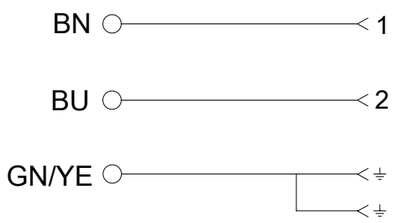
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1210502000	PSD	000	A

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE 1210502000_PDP	GENERAL MARKET	2 OF 3

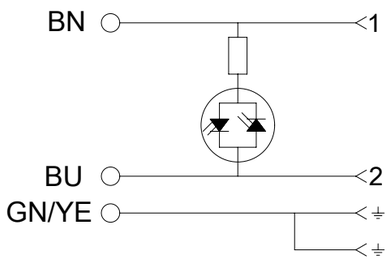
FORMAT: master_sheet-A3
REVISION: H
DATE: 2018/01/15

WIRING DIAGRAMS

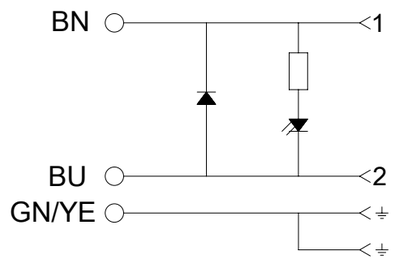
ELECTRICAL DIAGRAM 00



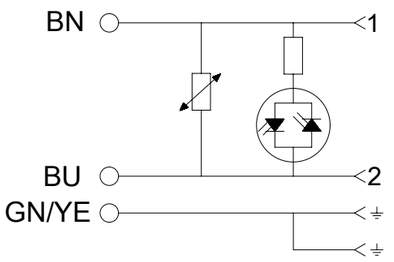
ELECTRICAL DIAGRAM A1



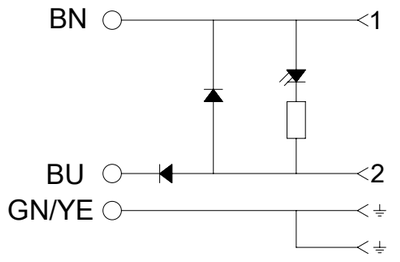
ELECTRICAL DIAGRAM C3



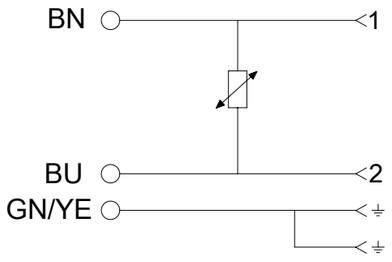
ELECTRICAL DIAGRAM C4



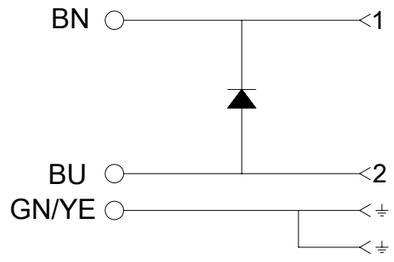
ELECTRICAL DIAGRAM C7



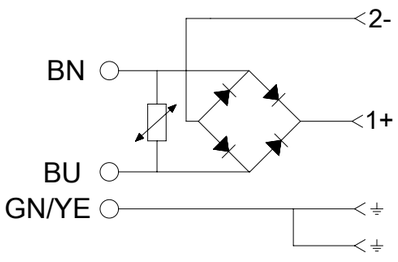
ELECTRICAL DIAGRAM D0



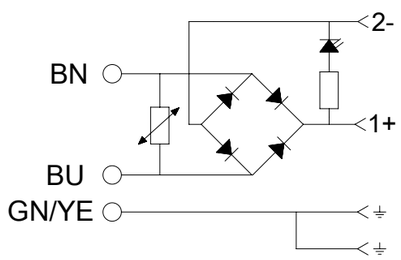
ELECTRICAL DIAGRAM E0



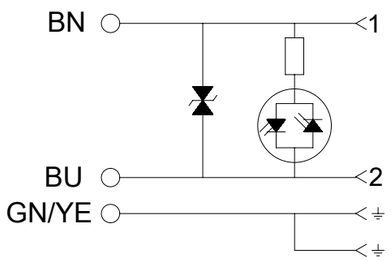
ELECTRICAL DIAGRAM R0



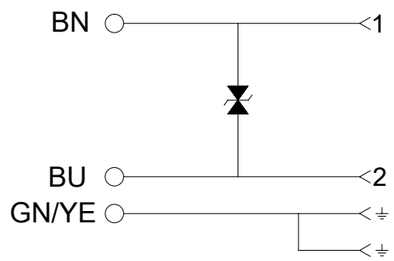
ELECTRICAL DIAGRAM R2



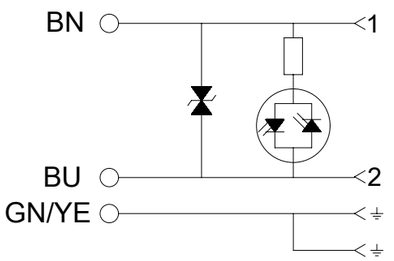
ELECTRICAL DIAGRAM S0



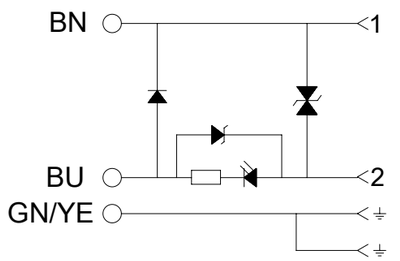
ELECTRICAL DIAGRAM S1



ELECTRICAL DIAGRAM S3



ELECTRICAL DIAGRAM NS

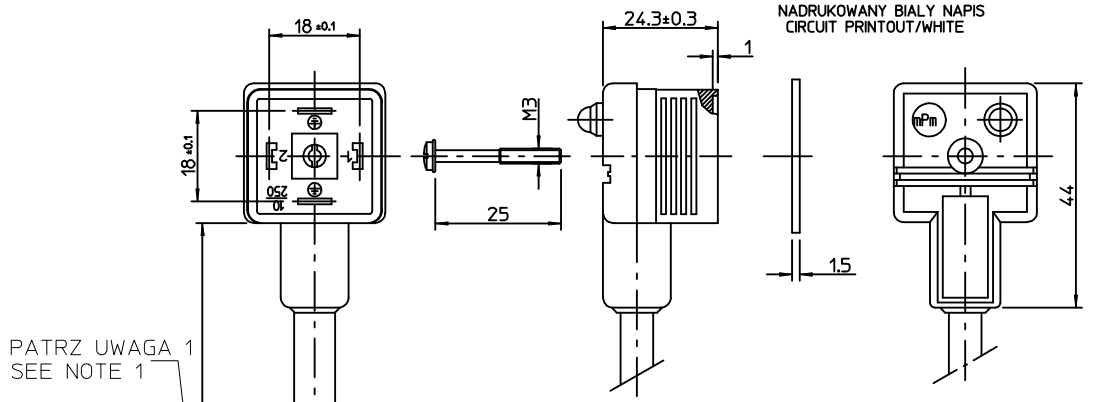


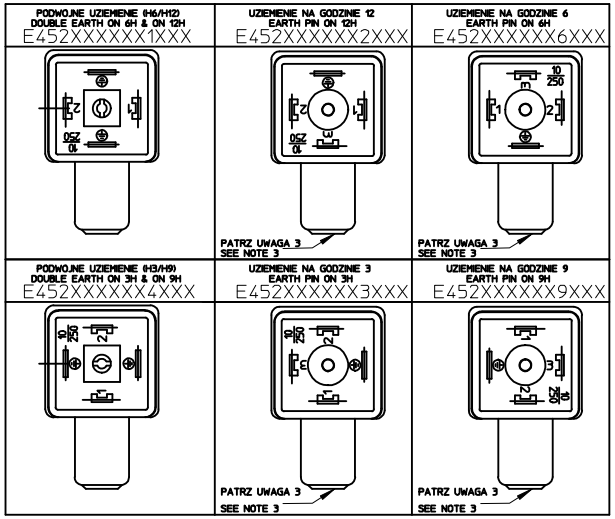
Technical Spec:
Supply Voltage: See PN KEY
Max. current: 5A; A1-C4-S0
1,5A; R2
Contact Resistance: ≤15milliohms max.
Operating Temperature:
with NBR Gasket: -40°C +90°C
with Silicone: -40°C +125°C

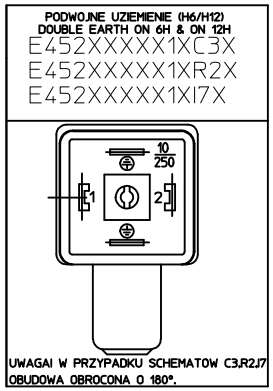
SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
F = 0	DIMENSION UNITS: mm	SCALE: 1:1	CURRENT REV DESC:	molex
E = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)			STANDARD E452 DIN FORM A EN 175301-803
E = 0	ANGULAR TOL ± °		EC NO: 603741	
S = 0	4 PLACES ±		DRWN: APAWLAK01 2018/07/13	PRODUCT CUSTOMER DRAWING
▼ = 0	3 PLACES ±		CHK'D: RSILLER 2018/08/31	DOCUMENT NUMBER: 1210502000 | DOC TYPE: PSD | DOC PART: 000 | REVISION: A
C = 0	2 PLACES ±		APPR: RSILLER 2018/08/31	
☒ = 0	1 PLACE ±		INITIAL REVISION:	
■ = 0	0 PLACES ±		DRWN: APAWLAK01 2018/07/13	
▽ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPR: RSILLER 2018/08/31	
	THIRD ANGLE PROJECTION	DRAWING: A3-SIZE	SERIES: 121050	MATERIAL NUMBER: SEE 1210502000_PDP | CUSTOMER: GENERAL MARKET | SHEET NUMBER: 3 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2018/08/31 12:24:53

FORMAT: master_Sheet-A3
REVISION: H
DATE: 2018/01/16







SCHEMATY POLACZEN/WIREING CONFIGURATION

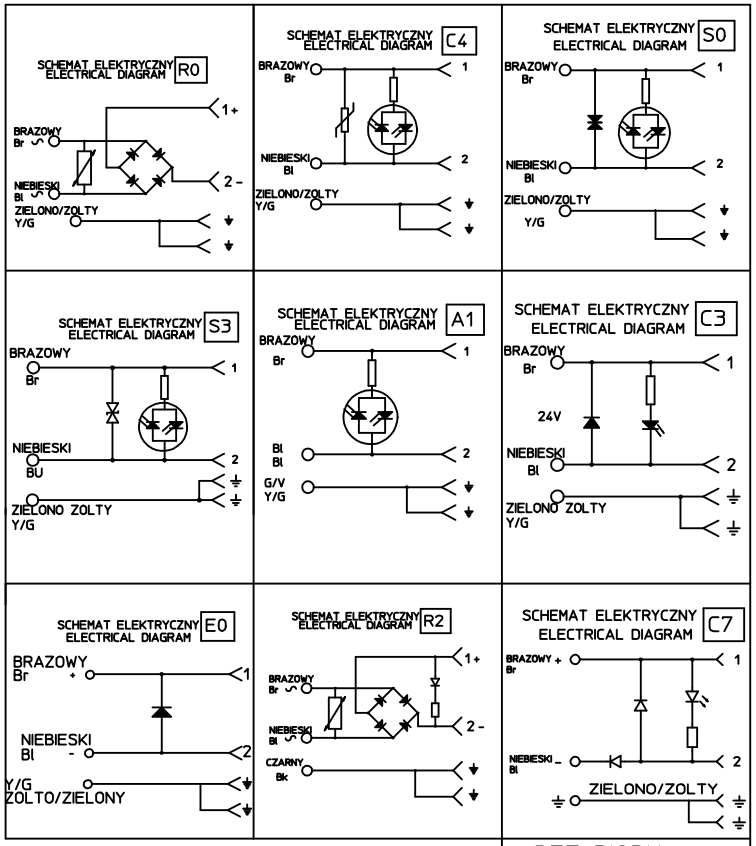


Table of lenght tolerances/ Tablica tolerancji dlugosci mm		
Over/Od	Up to and including/ Do-wlacznie	Tolerance/Tolerancja +/-
100	1000	±20
1000	3000	±30
3000	5000	±40
5000	10000	±50
10000	15000	±100
15000	20000	±150
	>20000	L/100

UWAGI:

1. DLUGOSC PATRZ ARKUSZ 2.
2. DLA WIAZEK Z UZIEMIENIEM TYLKO NA GODZINIE 3,6,9, lub 12 PIN 3 JEST WOLNY.

NOTES:

1. LENGHT SEE SHEET 2.
2. FOR HARNESS WITH GROUND ONLY IN 3H,6H,9H or12H PIN 3 IS N/C.

ORIGINAL RELEASE
EC NO: WEU2009-0394 2009/05/26
DRWN:MWOLSZCZAK 2009/05/29
CH'KD:MDABROWSKA 2009/06/08
APPR:GOGRODNIK
DESCRIPTION
REV A

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± ---
1 PLACE	± ---	± ---
ANGULAR ±---°		

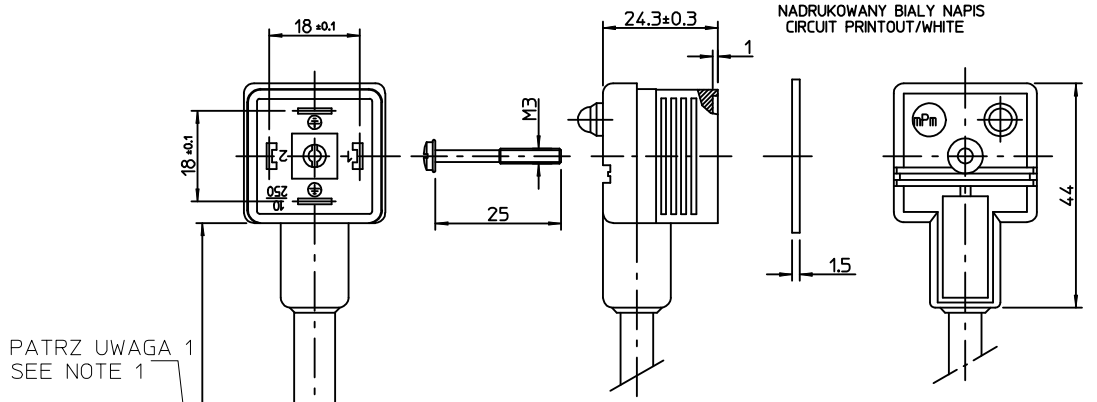
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

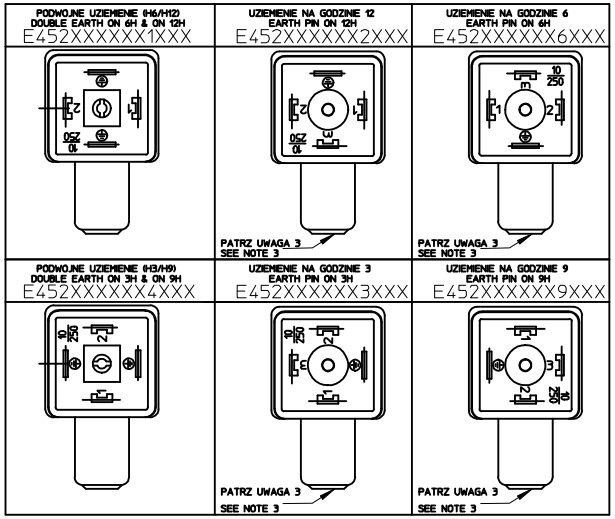
DIMENSION STYLE: MM ONLY
SCALE: 1:1
DESIGN UNITS: METRIC
FIRST ANGLE PROJECTION

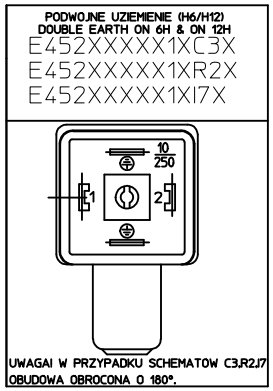
DRAWN BY	MWOLSZCZAK	DATE 2009/04/09
CHECKED BY	MDABROWSKA	DATE 2009/04/09
APPROVED BY	GOGRODNIK	DATE 2009/04/09
MATERIAL NO.	SEE DRAWING	

TITLE: MPM E452XXXXXXXXXX
molex MOLEX INCORPORATED
DOCUMENT NO. E452XXXXXXXXXX
SHEET NO. 1 OF 5
SIZE A3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION







SCHEMATY POLACZEN/WIREING CONFIGURATION

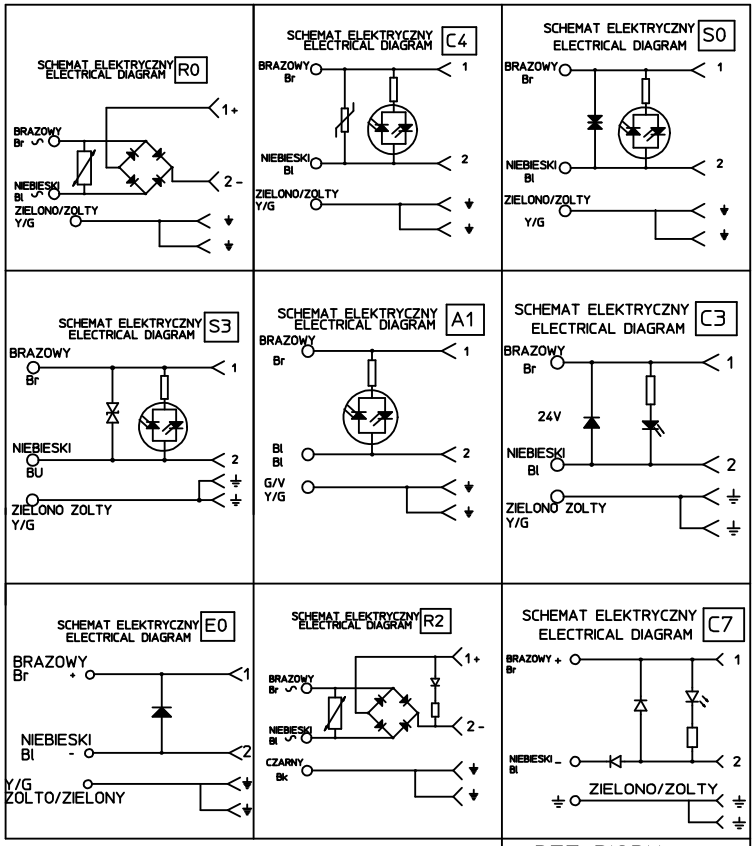


Table of lenght tolerances/ Tablica tolerancji dlugosci mm		
Over/Od	Up to and including/ Do-wlacznie	Tolerance/Tolerancja +/-
100	1000	±20
1000	3000	±30
3000	5000	±40
5000	10000	±50
10000	15000	±100
15000	20000	±150
	>20000	L/100

UWAGI:

1. DLUGOSC PATRZ ARKUSZ 2.
2. DLA WIAZEK Z UZIEMIENIEM TYLKO NA GODZINIE 3,6,9, lub 12 PIN 3 JEST WOLNY.

NOTES:

1. LENGHT SEE SHEET 2.
2. FOR HARNESS WITH GROUND ONLY IN 3H,6H,9H or12H PIN 3 IS N/C.

ORIGINAL RELEASE
EC NO: WEU2009-0394 2009/05/26
DRWN:MWOLSZCZAK 2009/05/29
CH'KD:MDABROWSKA 2009/06/08
APPR:GOGRODNIK
DESCRIPTION
REV A

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± ---
1 PLACE	± ---	± ---
ANGULAR ±---°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 1:1
DESIGN UNITS: METRIC
FIRST ANGLE PROJECTION

DRAWN BY	MWOLSZCZAK	DATE 2009/04/09
CHECKED BY	MDABROWSKA	DATE 2009/04/09
APPROVED BY	GOGRODNIK	DATE 2009/04/09
MATERIAL NO.	SEE DRAWING	

TITLE: MPM E452XXXXXXXXXX
molex MOLEX INCORPORATED
DOCUMENT NO. E452XXXXXXXXXX
SHEET NO. 1 OF 5
SIZE A3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

E	4	5	2	X	X	X	X	X	X	X	X	X	X	X

E - Pakowanie bez workow
W - Pakowanie pojedynczo
Q - Szybkie pakowanie

ILOSC PRZEWODOW/NUMBER OF WIRES:
1=2 PRZEWODY,
2=2 PRZEWODY+UZIEMIENIE,
3=3 PRZEWODY+UZIEMIENIE.

TYP KABLA/CABLE TYPE
PATRZ TABELA 1/SEE TABLE 1

RODZAJ KABLA/CABLE CROSS SECTION AREA
PATRZ TABELA 2/SEE TABLE 2

KOLOR MOULDINGU/HEAD COLOUR:
G=SZARY/GREY;
N=CZARNY/BLACK;
T=PRZEZROCZYSTY/TRANSPARENT;
A=CZARNY/BLACK;
B=SZARY/GREY.

DLUGOSC KABLA W CM/CABLE LENGHT IN CM
NP:050=50 CM, 300=300 CM, 10K=1000 CM.

POLOZENIE PINU Z UZIEMIENIEM/EARTH PIN LOCATION:
1=PODWOJNE UZIEMIENIE NA GODZINIE 6 ORAZ 12/DOUBLE EARTH ON 6H AND 12H,
2=UZIEMIENIE NA GODZINIE 12/1EARTH ON 12H,
6=UZIEMIENIE NA GODZINIE 6/EARTH ON 6H.

GASKET ORAZ SRUBY/GASKET SCREWS:
1=GASKET PROFILOWANY+SRUBA/NBR PROFILE GASKET+FIXING SCREWS,
2=NBR PLASKI GASKET+SRUBA/NBR FLAT GASKET+SCREW,
3=SILIKONOWY PROFILOWANY GASKET+SRUBA/SILICONE PROFILE GASKET+SCREW,
4=SILIKOWANY PLASKI GASKET+SRUBA/SILICON FLAT GASKET+SCREW,
P=ZINTEGROWANY GASKET+SRUBA/INTEGRATED GASKET+FIXING SCREW,
R=ZINTEGROWANY GASKET+SRUBA/INTAGRATED GASKET+SCREW,
T=PROFILOWANY GASKET+SRUBA, PROFILE GASKET+SCREW.

RODZAJ POLACZENIA/INTERNAL CIRQUIT
PATRZ SCHEMATY POLACZEN/WIREING CONFIGURATION

NAPIECIE ORAZ KOLOR DIODY/VOLTAGE AND LED COLOUR:

1= 12V 2= 24V 3= 48V 4= 115V 5= 230V	CZERWONA DIODA RED LED	
		A= 12V B= 24V C= 48V D= 115V E= 230V — ZIELONA DIODA GREEN LED
		G= 12V H= 24V K= 48V L= 115V M= 230V — ZOLTA DIODA YELLOW LED

ORIGINAL RELEASE
EC NO: WEU2009-0394 2009/05/26
DRWN:MWOLSZCZAK 2009/05/29
CH'KD:MDABROWSKA 2009/06/08
APPR:GOGRODNIK
DESCRIPTION
A
REV

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± ---
1 PLACE	± ---	± ---
ANGULAR ±---°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: ---
DESIGN UNITS: METRIC
FIRST ANGLE PROJECTION

DRAWN BY: MWOLSZCZAK DATE: 2009/04/09
CHECKED BY: MDABROWSKA DATE: 2009/04/09
APPROVED BY: GOGRODNIK DATE: 2009/04/09
MATERIAL NO.: SEE DRAWING

TITLE: MPM E452XXXXXXXXXXX

molex MOLEX INCORPORATED

DOCUMENT NO.: E452XXXXXXXXXXX
SHEET NO.: 2 OF 5

SIZE A3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

E	4	5	2	X	X	X	X	X	X	X	X	X	X	X

E - Pakowanie bez workow
W - Pakowanie pojedynczo
Q - Szybkie pakowanie

ILOSC PRZEWODOW/NUMBER OF WIRES:
1=2 PRZEWODY,
2=2 PRZEWODY+UZIEMIENIE,
3=3 PRZEWODY+UZIEMIENIE.

TYP KABLA/CABLE TYPE
PATRZ TABELA 1/SEE TABLE 1

RODZAJ KABLA/CABLE CROSS SECTION AREA
PATRZ TABELA 2/SEE TABLE 2

KOLOR MOULDINGU/HEAD COLOUR:
G=SZARY/GREY;
N=CZARNY/BLACK;
T=PRZEZROCZYSTY/TRANSPARENT;
A=CZARNY/BLACK;
B=SZARY/GREY.

DLUGOSC KABLA W CM/CABLE LENGHT IN CM
NP:050=50 CM, 300=300 CM, 10K=1000 CM.

POLOZENIE PINU Z UZIEMIENIEM/EARTH PIN LOCATION:
1=PODWOJNE UZIEMIENIE NA GODZINIE 6 ORAZ 12/DOUBLE EARTH ON 6H AND 12H,
2=UZIEMIENIE NA GODZINIE 12/1EARTH ON 12H,
6=UZIEMIENIE NA GODZINIE 6/EARTH ON 6H.

GASKET ORAZ SRUBY/GASKET SCREWS:
1=GASKET PROFILOWANY+SRUBA/NBR PROFILE GASKET+FIXING SCREWS,
2=NBR PLASKI GASKET+SRUBA/NBR FLAT GASKET+SCREW,
3=SILIKONOWY PROFILOWANY GASKET+SRUBA/SILICONE PROFILE GASKET+SCREW,
4=SILIKOWANY PLASKI GASKET+SRUBA/SILICON FLAT GASKET+SCREW,
P=ZINTEGROWANY GASKET+SRUBA/INTEGRATED GASKET+FIXING SCREW,
R=ZINTEGROWANY GASKET+SRUBA/INTAGRATED GASKET+SCREW,
T=PROFILOWANY GASKET+SRUBA, PROFILE GASKET+SCREW.

RODZAJ POLACZENIA/INTERNAL CIRQUIT
PATRZ SCHEMATY POLACZEN/WIREING CONFIGURATION

NAPIECIE ORAZ KOLOR DIODY/VOLTAGE AND LED COLOUR:

1= 12V 2= 24V 3= 48V 4= 115V 5= 230V	CZERWONA DIODA RED LED	
		A= 12V B= 24V C= 48V D= 115V E= 230V — ZIELONA DIODA GREEN LED
		G= 12V H= 24V K= 48V L= 115V M= 230V — ZOLTA DIODA YELLOW LED

ORIGINAL RELEASE
EC NO: WEU2009-0394 2009/05/26
DRWN:MWOLSZCZAK 2009/05/29
CH'KD:MDABROWSKA 2009/06/08
APPR:GOGRODNIK
DESCRIPTION
A
REV

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± ---
1 PLACE	± ---	± ---
ANGULAR ±---°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: ---
DESIGN UNITS: METRIC
FIRST ANGLE PROJECTION

DRAWN BY: MWOLSZCZAK DATE: 2009/04/09
CHECKED BY: MDABROWSKA DATE: 2009/04/09
APPROVED BY: GOGRODNIK DATE: 2009/04/09
MATERIAL NO.: SEE DRAWING

TITLE: MPM E452XXXXXXXXXXX

molex MOLEX INCORPORATED

DOCUMENT NO.: E452XXXXXXXXXXX
SHEET NO.: 2 OF 5

SIZE A3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

TABELA 2 KABLE/TABLE 2 CABLES

MOLEX PN	mPm	Code	PRZEW	PRZEKROJ	MATERIAL	KOLOR/COLOUR	SREDNICA Ø	DIN A-B	DIN C
1210180080	I	0	3	1 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	-	-	-
1210180467	A	2	2	20 AWG	PVC CSA/UL 2661	Czarny/Black	5,5+/-0,2 mm	OK.	OK.
-	A	2	3	20 AWG	PVC CSA/UL 2661	Czarny/Black	5,6+/-0,2 mm	OK.	OK.
1210180394	A	2	4	20 AWG	PVC CSA/UL 2661	Czarny/Black	6,2+/-0,2 mm	OK.	OK.
-	A	2	5	20 AWG	PVC CSA/UL 2661	Czarny/Black	7+/-0,2 mm	OK.	
1210180297	B	2	2	20 AWG	PUR CSA/UL 20668	Czarny/Black	5,5+/-0,2 mm	OK.	OK.
1210180126	B	2	3	20 AWG	PUR CSA/UL 20668	Czarny/Black	5,6+/-0,2 mm	OK.	OK.
1210180387	B	2	4	20 AWG	PUR CSA/UL 20668	Czarny/Black	6,2+/-0,2 mm	OK.	OK.
-	B	2	5	20 AWG	PUR CSA/UL 20668	Czarny/Black	7+/-0,2 mm	OK.	
1210180122	D	2	3	0,5 mm2	PVC TI2 CEI 20-20	Szary/Grey	-	-	-
-	F	2	3	0,5 mm2	CNOMO	Szary/Grey RAL7000	5,5+/-0,2 mm	OK.	OK.
1210180047	I	2	2	0,5 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	5,5+/-0,2 mm	OK.	OK.
-	I	2	3	0,5 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	5,5+/-0,2 mm	OK.	OK.
1210180146	I	2	4	0,5 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	6,5+/-0,2 mm	OK.	
1210180177	I	2	5	0,5 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	7+/-0,2 mm	OK.	
1210180022	N	2	2	0,5 mm2	PVCH03	Czarny/Black	5,1+ 0,2-0 mm	OK.	OK.
1210180064	N	2	3	0,5 mm2	PVCH03	Czarny/Black	5,4+ 0,2-0 mm	OK.	OK.
1210180153	N	2	4	0,5 mm2	PVCH03	Czarny/Black	5,75+0,2-0 mm	OK.	OK.
1210180046	P	2	2	0,5 mm2	PUR - BLEND	Czarny/Black	5,5+/-0,2 mm	OK.	OK.
-	P	2	3	0,5 mm2	PUR - BLEND	Czarny/Black	5,5+/-0,2 mm	OK.	OK.
1210180302	P	2	4	0,5 mm2	PUR - BLEND	Czarny/Black	-	-	-
-	P	2	5	0,5 mm2	PUR - BLEND	Czarny/Black	7+/-0,2 mm	OK.	OK.
1210180409	A	3	2	18 AWG	PVC CSA/UL 2661	Czarny/Black	6,5+/-0,2 mm	OK.	
1210180129	A	3	3	18 AWG	PVC CSA/UL 2661	Czarny/Black	6,5+/-0,2 mm	OK.	
1210180159	A	3	4	18 AWG	PVC CSA/UL 2661	Czarny/Black	7+/-0,2 mm	OK.	
-	A	3	5	18 AWG	PVC CSA/UL 2661	Czarny/Black	7,8+/-0,2 mm	OK.	
1210180351	B	3	2	18 AWG	PUR CSA/UL 20668	Czarny/Black	6,5+/-0,2 mm	OK.	
1210180127	B	3	3	18 AWG	PUR CSA/UL 20668	Czarny/Black	6,5+/-0,2 mm	OK.	
1210180127	B	3	4	18 AWG	PUR CSA/UL 20668	Czarny/Black	7+/-0,2 mm	OK.	
-	B	3	5	18 AWG	PUR CSA/UL 20668	Czarny/Black	7,8+/-0,2 mm	OK.	
1210180073	D	3	3	0,75 mm2	PVC TI2 CEI 20-20	Szary/Grey	-	-	-
1210180145	D	3	4	0,75 mm2	PVC TI2 CEI 20-20	Szary/Grey	-	-	-
1210180120	I	3	3	0,75 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	-	-	-
1210180143	I	3	4	0,75 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	-	-	-
1210180032	N	3	2	0,75 mm2	PVCH05	Czarny/Black	6,2+ 0,2-0 mm	OK.	
1210180069	N	3	3	0,75 mm2	PVCH05	Czarny/Black	6,6+0,2-0 mm	OK.	
-	N	3	4	0,75 mm2	PVCH05	Czarny/Black	7,15+0,2-0 mm	OK.	
1210180174	N	3	5	0,75 mm2	PVCH05	Czarny/Black	8,0+0,2-0 mm	OK.	
-	P	3	2	0,75 mm2	PUR - BLEND	Czarny/Black	6,5+/-0,2 mm	OK.	

TABELA 2 KABLE/TABLE 2 CABLES

MOLEX PN	mPm	Code	PRZEW	PRZEKROJ	MATERIAL	KOLOR/COLOUR	SREDNICA Ø	DIN A-B	DIN C
1210180071	P	3	3	0,75 mm2	PUR - BLEND	Czarny/Black	6,5+/-0,2 mm	OK.	
1210180152	P	3	4	0,75 mm2	PUR - BLEND	Czarny/Black	7+/-0,2 mm	OK.	
1210180384	R	3	3	0,75 mm2	TPR HAL. FREE	Czarny/Black	6,5+/-0,2 mm	OK.	
1210180094	T	3	3	0,75 mm2	PUR CSA/UL	Żółty/Yellow	-	-	-
1210180309	Y	3	3	0,75 mm2	SIL/0300	Czerwony/Red	6,5+/-0,2 mm	-	-
1210180081	F	4	3	1 mm2	CNOMO	Szary/Grey RAL7000	-	-	-
-	F	4	4	1 mm2	CNOMO	Szary/Grey RAL7000	7,1+0,2-0 mm	OK.	
1210180042	I	4	2	1 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	7,1+0,2-0 mm	OK.	
1210180079	I	4	3	1 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	7,1+0,2-0 mm	OK.	
1210180036	N	4	2	1 mm2	PVCH05	Czarny/Black	6,5+0,2-0 mm	OK.	
1210180082	N	4	3	1 mm2	PVCH05	Czarny/Black	6,9+0,2-0 mm	OK.	
1210180117	R	4	3	1 mm2	TPR HAL. FREE	Czarny/Black	-	-	-
1210180085	N	5	3	1,5 mm2	PVCH05	Czarny/Black	8,3+0,2-0 mm	OK.	
1210180313	I	6	2	0,35 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	-	-	-
-	A	7	3	20 AWG	PVC CSA/UL 2661	Żółty/Yellow	5,6+/-0,2 mm	OK.	OK.
1210180149	I	9	4	0,75 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	-	-	-

TABELA 1 TYPY KABLI/TABLE 1 CABLES TYPE

Znakowanie /Code	Rodzaje kabla /Cable types	Właściwości /Features	Przekroje /Stranding
N	PVC	Kabel z dobrą rezystancją w wodzie ale słabą w oleju./Application general purpose cable which has good resistance to water, but usually poor oil resistance.	0.5 mm2 = 15 x 0.20 0.75 mm2 = 21 x 0.20 1 mm2 = 28 x 0.20
I	PVC	Zatwierdzione przez IEC 332-2A, samogaszący./Approved to IEC 332-2A, flame retardant and self extinguishing. Limited resistant to mineral oils.	0.5 mm2 = 28 x 0.15 0.75 mm2 = 42 x 0.15 1 mm2 = 32 x 0.20
P	PVC	Dobra rezystancja w olejach i chemikaljach./Offer good resistance to oil and chemicals. Can swell when constantly immersed in water.	0.5 mm2 = 28 x 0.15 0.75 mm2 = 42 x 0.15 1 mm2 = 32 x 0.20
A	PVC	Zatwierdzony porzez CSA-UL 2661.Dobra rezystancja na wode słaba na olej./ Approved to CSA-UL 2661, application general purpose cable which has good resistance to water, but usually poor oil resistance.	20 AWG = 32 x 0.15 18 AWG = 52 x 0.15
B	PVC	Zatwierdzony przez CSA-UL 20668, bardzo dobra rezystanja w oleju i chemikaljach./ Approved to CSA-UL 20668, very good resistance to oil and chemicals.	20 AWG = 32 x 0.15 18 AWG = 52 x 0.15

ORIGINAL RELEASE
EC NO: WEU2009-0394 2009/05/26
DRWN:MWOLSZCZAK 2009/05/29
CH'KD:MDABROWSKA 2009/06/08
APPR:GOGRODNIK
DESCRIPTION
A
REV

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± ---
1 PLACE	± ---	± ---
ANGULAR ±---°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: ---
DESIGN UNITS: METRIC
FIRST ANGLE PROJECTION

DRAWN BY: MWOLSZCZAK DATE: 2009/04/09
CHECKED BY: MDABROWSKA DATE: 2009/04/09
APPROVED BY: GOGRODNIK DATE: 2009/04/09
MATERIAL NO.: SEE DRAWING

TITLE: MPM E452XXXXXXXXXX

MOLEX INCORPORATED

DOCUMENT NO.: E452XXXXXXXXXX
SHEET NO.: 3 OF 5

SIZE A3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

TABELA 2 KABLE/TABLE 2 CABLES

MOLEX PN	mPm	Code	PRZEW	PRZEKROJ	MATERIAL	KOLOR/COLOUR	SREDNICA Ø	DIN A-B	DIN C
1210180080	I	0	3	1 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	-	-	-
1210180467	A	2	2	20 AWG	PVC CSA/UL 2661	Czarny/Black	5,5+/-0,2 mm	OK.	OK.
-	A	2	3	20 AWG	PVC CSA/UL 2661	Czarny/Black	5,6+/-0,2 mm	OK.	OK.
1210180394	A	2	4	20 AWG	PVC CSA/UL 2661	Czarny/Black	6,2+/-0,2 mm	OK.	OK.
-	A	2	5	20 AWG	PVC CSA/UL 2661	Czarny/Black	7+/-0,2 mm	OK.	
1210180297	B	2	2	20 AWG	PUR CSA/UL 20668	Czarny/Black	5,5+/-0,2 mm	OK.	OK.
1210180126	B	2	3	20 AWG	PUR CSA/UL 20668	Czarny/Black	5,6+/-0,2 mm	OK.	OK.
1210180387	B	2	4	20 AWG	PUR CSA/UL 20668	Czarny/Black	6,2+/-0,2 mm	OK.	OK.
-	B	2	5	20 AWG	PUR CSA/UL 20668	Czarny/Black	7+/-0,2 mm	OK.	
1210180122	D	2	3	0,5 mm2	PVC TI2 CEI 20-20	Szary/Grey	-	-	-
-	F	2	3	0,5 mm2	CNOMO	Szary/Grey RAL7000	5,5+/-0,2 mm	OK.	OK.
1210180047	I	2	2	0,5 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	5,5+/-0,2 mm	OK.	OK.
-	I	2	3	0,5 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	5,5+/-0,2 mm	OK.	OK.
1210180146	I	2	4	0,5 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	6,5+/-0,2 mm	OK.	
1210180177	I	2	5	0,5 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	7+/-0,2 mm	OK.	
1210180022	N	2	2	0,5 mm2	PVCH03	Czarny/Black	5,1+ 0,2-0 mm	OK.	OK.
1210180064	N	2	3	0,5 mm2	PVCH03	Czarny/Black	5,4+ 0,2-0 mm	OK.	OK.
1210180153	N	2	4	0,5 mm2	PVCH03	Czarny/Black	5,75+0,2-0 mm	OK.	OK.
1210180046	P	2	2	0,5 mm2	PUR - BLEND	Czarny/Black	5,5+/-0,2 mm	OK.	OK.
-	P	2	3	0,5 mm2	PUR - BLEND	Czarny/Black	5,5+/-0,2 mm	OK.	OK.
1210180302	P	2	4	0,5 mm2	PUR - BLEND	Czarny/Black	-	-	-
-	P	2	5	0,5 mm2	PUR - BLEND	Czarny/Black	7+/-0,2 mm	OK.	OK.
1210180409	A	3	2	18 AWG	PVC CSA/UL 2661	Czarny/Black	6,5+/-0,2 mm	OK.	
1210180129	A	3	3	18 AWG	PVC CSA/UL 2661	Czarny/Black	6,5+/-0,2 mm	OK.	
1210180159	A	3	4	18 AWG	PVC CSA/UL 2661	Czarny/Black	7+/-0,2 mm	OK.	
-	A	3	5	18 AWG	PVC CSA/UL 2661	Czarny/Black	7,8+/-0,2 mm	OK.	
1210180351	B	3	2	18 AWG	PUR CSA/UL 20668	Czarny/Black	6,5+/-0,2 mm	OK.	
1210180127	B	3	3	18 AWG	PUR CSA/UL 20668	Czarny/Black	6,5+/-0,2 mm	OK.	
1210180127	B	3	4	18 AWG	PUR CSA/UL 20668	Czarny/Black	7+/-0,2 mm	OK.	
-	B	3	5	18 AWG	PUR CSA/UL 20668	Czarny/Black	7,8+/-0,2 mm	OK.	
1210180073	D	3	3	0,75 mm2	PVC TI2 CEI 20-20	Szary/Grey	-	-	-
1210180145	D	3	4	0,75 mm2	PVC TI2 CEI 20-20	Szary/Grey	-	-	-
1210180120	I	3	3	0,75 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	-	-	-
1210180143	I	3	4	0,75 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	-	-	-
1210180032	N	3	2	0,75 mm2	PVCH05	Czarny/Black	6,2+ 0,2-0 mm	OK.	
1210180069	N	3	3	0,75 mm2	PVCH05	Czarny/Black	6,6+0,2-0 mm	OK.	
-	N	3	4	0,75 mm2	PVCH05	Czarny/Black	7,15+0,2-0 mm	OK.	
1210180174	N	3	5	0,75 mm2	PVCH05	Czarny/Black	8,0+0,2-0 mm	OK.	
-	P	3	2	0,75 mm2	PUR - BLEND	Czarny/Black	6,5+/-0,2 mm	OK.	

TABELA 2 KABLE/TABLE 2 CABLES

MOLEX PN	mPm	Code	PRZEW	PRZEKROJ	MATERIAL	KOLOR/COLOUR	SREDNICA Ø	DIN A-B	DIN C
1210180071	P	3	3	0,75 mm2	PUR - BLEND	Czarny/Black	6,5+/-0,2 mm	OK.	
1210180152	P	3	4	0,75 mm2	PUR - BLEND	Czarny/Black	7+/-0,2 mm	OK.	
1210180384	R	3	3	0,75 mm2	TPR HAL. FREE	Czarny/Black	6,5+/-0,2 mm	OK.	
1210180094	T	3	3	0,75 mm2	PUR CSA/UL	Żółty/Yellow	-	-	-
1210180309	Y	3	3	0,75 mm2	SIL/0300	Czerwony/Red	6,5+/-0,2 mm	-	-
1210180081	F	4	3	1 mm2	CNOMO	Szary/Grey RAL7000	-	-	-
-	F	4	4	1 mm2	CNOMO	Szary/Grey RAL7000	7,1+0,2-0 mm	OK.	
1210180042	I	4	2	1 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	7,1+0,2-0 mm	OK.	
1210180079	I	4	3	1 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	7,1+0,2-0 mm	OK.	
1210180036	N	4	2	1 mm2	PVCH05	Czarny/Black	6,5+0,2-0 mm	OK.	
1210180082	N	4	3	1 mm2	PVCH05	Czarny/Black	6,9+0,2-0 mm	OK.	
1210180117	R	4	3	1 mm2	TPR HAL. FREE	Czarny/Black	-	-	-
1210180085	N	5	3	1,5 mm2	PVCH05	Czarny/Black	8,3+0,2-0 mm	OK.	
1210180313	I	6	2	0,35 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	-	-	-
-	A	7	3	20 AWG	PVC CSA/UL 2661	Żółty/Yellow	5,6+/-0,2 mm	OK.	OK.
1210180149	I	9	4	0,75 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	-	-	-

TABELA 1 TYPY KABLI/TABLE 1 CABLES TYPE

Znakowanie /Code	Rodzaje kabla /Cable types	Właściwości /Features	Przekroje /Stranding
N	PVC	Kabel z dobrą rezystancją w wodzie ale słabą w oleju./Application general purpose cable which has good resistance to water, but usually poor oil resistance.	0.5 mm2 = 15 x 0.20 0.75 mm2 = 21 x 0.20 1 mm2 = 28 x 0.20
I	PVC	Zatwierdzione przez IEC 332-2A, samogaszący./Approved to IEC 332-2A, flame retardant and self extinguishing. Limited resistant to mineral oils.	0.5 mm2 = 28 x 0.15 0.75 mm2 = 42 x 0.15 1 mm2 = 32 x 0.20
P	PVC	Dobra rezystancja w olejach i chemikaljach./Offer good resistance to oil and chemicals. Can swell when constantly immersed in water.	0.5 mm2 = 28 x 0.15 0.75 mm2 = 42 x 0.15 1 mm2 = 32 x 0.20
A	PVC	Zatwierdzony porzez CSA-UL 2661.Dobra rezystancja na wode słaba na olej./ Approved to CSA-UL 2661, application general purpose cable which has good resistance to water, but usually poor oil resistance.	20 AWG = 32 x 0.15 18 AWG = 52 x 0.15
B	PVC	Zatwierdzony przez CSA-UL 20668, bardzo dobra rezystanja w oleju i chemikaljach./ Approved to CSA-UL 20668, very good resistance to oil and chemicals.	20 AWG = 32 x 0.15 18 AWG = 52 x 0.15

ORIGINAL RELEASE
EC NO: WEU2009-0394 2009/05/26
DRWN:MWOLSZCZAK 2009/05/29
CH'KD:MDABROWSKA 2009/06/08
APPR:GOGRODNIK
DESCRIPTION
A
REV

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± ---
1 PLACE	± ---	± ---
ANGULAR ±---°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: ---
DESIGN UNITS: METRIC
FIRST ANGLE PROJECTION

DRAWN BY: MWOLSZCZAK DATE: 2009/04/09
CHECKED BY: MDABROWSKA DATE: 2009/04/09
APPROVED BY: GOGRODNIK DATE: 2009/04/09
MATERIAL NO.: SEE DRAWING

TITLE: MPM E452XXXXXXXXXX

MOLEX INCORPORATED

DOCUMENT NO.: E452XXXXXXXXXX
SHEET NO.: 3 OF 5

SIZE A3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

TABELA 3/CHART 3

MOLEX P/N	WOODHEAD P/N	MOLEX P/N	WOODHEAD P/N	MOLEX P/N	WOODHEAD P/N	MOLEX P/N	WOODHEAD P/N	MOLEX P/N	WOODHEAD P/N
1210571525	E452P50011C4H	1210500474	E452I4N30011C4L	1210500601	E452N3N20011A11	1210500735	E452P2N07511C32	1210501698	E452I4N20011C3B
1210571596	E452V20011C42	1210500475	E452I4N30011C4M	1210500602	E452N3N20011A12	1210500739	E452P2N10K11C4H	1210501720	E452I4N80011C72
1210500294	E452A2A20011C4H	1210500479	E452I4N30011R2L	1210500606	E452N3N20011A1H	1210500741	E452P2N10K11S0H	1210501733	E452P3N50011A1H
1210500297	E452A3A30011C44	1210500480	E452I4N30011R2M	1210500620	E452N3N20011C4H	1210500742	E452P2N11011C4H	1210501735	E452N2N30011A12
1210500301	E452A3A30012C4H	1210500481	E452I4N30011S0H	1210500624	E452N3N20011R05	1210500748	E452P2N20011C4H	1210501749	E452A2A15011C4H
1210500302	E452A3A50012C4L	1210500486	E452I4N35011C45	1210500627	E452N3N20011R2M	1210500755	E452P2N30011C4L	1210501764	E452N3N06011A12
1210500311	E452B3A30012C4H	1210500489	E452I4N40011C42	1210500636	E452N3N25011C42	1210500759	E452P2N30011S0H	1210501766	E452N3N10011A12
1210500312	E452B3A30012C4L	1210500492	E452I4N40011C4H	1210500644	E452N3N30011A1H	1210500764	E452P2N50011C42	1210501780	E452A3A30011R2L
1210500339	E452F4N10K11S3B	1210500498	E452I4N50011C3H	1210500648	E452N3N30011C32	1210500769	E452P2N50011C4H	1210501781	E452B3A30011C4H
1210500344	E452F4N20011S3B	1210500499	E452I4N50011C42	1210500650	E452N3N30011C42	1210500770	E452P2N50011C4L	1210501795	E452I2N10K11C4H
1210500352	E452F4N50011S3B	1210500504	E452I4N50011C4H	1210500651	E452N3N30011C44	1210500776	E452P2N50011S0H	1210501799	E452N2N30011A1M
1210500362	E452I0N20011C42	1210500505	E452I4N50011C4L	1210500652	E452N3N30011C45	1210500782	E452P3G50011S0B	1210501840	E452A2A30011C32
1210500375	E452I2N10011C4H	1210500506	E452I4N50011C4M	1210500657	E452N3N30011C4H	1210500791	E452P3N10012C4H	1210501844	E452I4N15011C4H
1210500376	E452I2N10011C72	1210500510	E452I4N50011R2L	1210500658	E452N3N30011C4L	1210500792	E452P3N10012C4L	1210501867	E452N3N10011C4M
1210500384	E452I2N20011C3H	1210500511	E452I4N50011S0H	1210500659	E452N3N30011C4M	1210500795	E452P3N10K11S0H	1210501874	E452A3A20011A1M
1210500385	E452I2N20011C4H	1210500515	E452I4N60011C42	1210500662	E452N3N30011R2H	1210500801	E452P3N15011S0H	1210501878	E452N3N1001PC4H
1210500388	E452I2N30011C32	1210500520	E452I4N70011R2H	1210500666	E452N3N30011S0D	1210500803	E452P3N20011C42	1210501879	E452A3A30011C4L
1210500389	E452I2N30011C3H	1210500522	E452I4N80011C4H	1210500673	E452N3N30012C4H	1210500807	E452P3N30011C3H	1210501887	E452A3A50011C7H
1210500392	E452I2N30011C4H	1210500524	E452I8N50011C4H	1210500674	E452N3N30012C4L	1210500810	E452P3N30011C4H	1210501888	E452A3A20011C7H
1210500393	E452I2N30011C4L	1210500548	E452N3N10011A11	1210500685	E452N3N35011A11	1210500812	E452P3N30011S0B	1210501891	E452P3N5001PC4M
1210500394	E452I2N30011C4M	1210500549	E452N3N10011C42	1210500689	E452N3N40011A12	1210500814	E452P3N30011S0H	1210500407	E452I4G30011C4B
1210500399	E452I2N50011C4H	1210500551	E452N3N10011C45	1210500690	E452N3N40011C42	1210500816	E452P3N30012C4L	1210502518	E452A3A50011R2L
1210500408	E452I4G30011C4H	1210500552	E452N3N10011C4B	1210500691	E452N3N40011C44	1210500817	E452P3N50011C3H	1210503039	E452N3N55011D02
1210500414	E452I4G40011C4H	1210500554	E452N3N10011C4H	1210500692	E452N3N40011C45	1210500819	E452P3N50011C4H	1210503032	W452P3N2001RC4E
1210500417	E452I4G50011C4H	1210500558	E452N3N10012C4H	1210500696	E452N3N50011A1B	1210500821	E452P3N50011S02	1210503041	W452N3N5001RR2D
1210500424	E452I4N10011C42	1210500559	E452N3N10012C4L	1210500702	E452N3N50011C42	1210500823	E452P3N50011S0H		
1210500428	E452I4N10011C4H	1210500560	E452N3N10022C4L	1210500703	E452N3N50011C44	1210500826	E452P3N50012C4H		
1210500434	E452I4N10K11C4H	1210500562	E452N3N10K11C42	1210500705	E452N3N50011C4B	1210501561	E452N3N50011C4M		
1210500435	E452I4N10K11C4L	1210500569	E452N3N10K11S02	1210500707	E452N3N50011C4D	1210501578	E452B3A50012C4L		
1210500443	E452I4N15K11C4H	1210500572	E452N3N10K11S0H	1210500708	E452N3N50011C4E	1210501584	E452I4G60011C4H		
1210500448	E452I4N20011C3H	1210500575	E452N3N10K12C4H	1210500709	E452N3N50011C4H	1210501610	E452P2N30011C4H		
1210500452	E452I4N20011C4H	1210500582	E452N3N15011A11	1210500711	E452N3N50011S02	1210501611	E452A3A10K12C4H		
1210500455	E452I4N20011C7H	1210500583	E452N3N15011A12	1210500712	E452N3N50011S0D	1210501624	E452A3A30012C4L		
1210500465	E452I4N30011A1H	1210500584	E452N3N15011A15	1210500713	E452N3N50011S0H	1210501632	E452P2N20011C42		
1210500467	E452I4N30011C3H	1210500585	E452N3N15011C32	1210500714	E452N3N50012C44	1210501657	E452P3N20011C44		
1210500468	E452I4N30011C42	1210500591	E452N3N15012C4H	1210500715	E452N3N50012C4H	1210501664	E452P3N10011C4H		
1210500473	E452I4N30011C4H	1210500594	E452N3N15022C4L	1210500716	E452N3N50012C4L	1210501674	E452A3A20011C44		

MOLEX PN	WOODHEAD PN	MOLEX PN	WOODHEAD PN
1210501612	E452I4G20011C4H	1210503008	E452N3N3001GC4M
1210502672	E452I2N40011C3H	1210501577	E452N3N50011C4L
1210502994	E452N2N20061C42	1210502997	E452N3N50041C42
1210502044	E452A2A30011S0H	1210502985	E452P1N15K11C45
1210500295	E452A3A10011C42	1210502654	E452P1N50011C45
1210502982	E452A3A10012C4H	1210503000	E452P2N10011C3B
1210502035	E452A3A10012C4L	1210500737	E452P2N10011C4H
1210500298	E452A3A30011C4H	1210500747	E452P2N16011C4H
1210502258	E452A3A30012C4M	1210500766	E452P2N50011C4B
1210502678	E452A3A3001RC42	1210500787	E452P3N05011S0B
1210502666	E452B3B50011C4H	1210502526	E452P3N0751PC4M
1210503013	E452I2N10011C42	1210502662	E452P3N10K1PC4H
1210502671	E452I2N15011C3H	1210503005	E452P3N12K11C4H
1210502441	E452I2N20011C7H	1210502052	E452P3N2001PC3H
1210500390	E452I2N30011C42	1210502335	E452P3N2001PC4H
1210502077	E452I2N40011C42	1210501999	E452P3N3001PC45
1210500398	E452I2N50011C42	1210502679	E452P3N50011C4M
1210501916	E452I2N50011C44	1210500827	E452P3N50012C4L
1210502973	E452I4G30011C42	1210503001	E452R4N3001PR2M
1210500478	E452I4N30011R2H	1210502525	E452Y3N20011A12
1210502128	E452I4N35011A1B	1210502492	E452Y3N20011A14
1210500514	E452I4N55011C72		
1210501813	E452I4N60011C4H		
1210502248	E452N2N10K1RA1H		
1210502686	E452N2N15011C4B		
1210501609	E452N2N15011E05		
1210502991	E452N2N30011C31		
1210502178	E452N2N30011C44		
1210501690	E452N2N50011C4H		
1210502690	E452N3N0501NC31		
1210502976	E452N3N10011C4L		
1210500556	E452N3N10011R2H		
1210502510	E452N3N1001RC4H		
1210502050	E452N3N10K11C4L		
1210502687	E452N3N10K1RC4H		
1210502539	E452N3N12011C4M		
1210502318	E452N3N2001PC3H		
1210501968	E452N3N2001PC42		
1210502314	E452N3N2001PR2M		
1210502977	E452N3N30011A11		

ORIGINAL RELEASE
EC NO: WEU2009-0394 2009/05/26
DRWN:MWOLSZCZAK 2009/05/29
CH'KD:MDABROWSKA 2009/06/08
APPR:GOGRODNIK
DESCRIPTION
A
REV

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± ---
1 PLACE	± ---	± ---
ANGULAR ±---°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: ---
DESIGN UNITS: METRIC
FIRST ANGLE PROJECTION

		DATE
DRAWN BY	MWOLSZCZAK	2009/04/09
CHECKED BY	MDABROWSKA	2009/04/09
APPROVED BY	GOGRODNIK	2009/04/09

TITLE: MPM E452XXXXXXXXXX

MOLEX INCORPORATED

MATERIAL NO.: SEE DRAWING
DOCUMENT NO.: E452XXXXXXXXXX
SHEET NO.: 4 OF 5
SIZE: A3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

TABELA 3/CHART 3

MOLEX P/N	WOODHEAD P/N	MOLEX P/N	WOODHEAD P/N	MOLEX P/N	WOODHEAD P/N	MOLEX P/N	WOODHEAD P/N	MOLEX P/N	WOODHEAD P/N
1210571525	E452P50011C4H	1210500474	E452I4N30011C4L	1210500601	E452N3N20011A11	1210500735	E452P2N07511C32	1210501698	E452I4N20011C3B
1210571596	E452V20011C42	1210500475	E452I4N30011C4M	1210500602	E452N3N20011A12	1210500739	E452P2N10K11C4H	1210501720	E452I4N80011C72
1210500294	E452A2A20011C4H	1210500479	E452I4N30011R2L	1210500606	E452N3N20011A1H	1210500741	E452P2N10K11S0H	1210501733	E452P3N50011A1H
1210500297	E452A3A30011C44	1210500480	E452I4N30011R2M	1210500620	E452N3N20011C4H	1210500742	E452P2N11011C4H	1210501735	E452N2N30011A12
1210500301	E452A3A30012C4H	1210500481	E452I4N30011S0H	1210500624	E452N3N20011R05	1210500748	E452P2N20011C4H	1210501749	E452A2A15011C4H
1210500302	E452A3A50012C4L	1210500486	E452I4N35011C45	1210500627	E452N3N20011R2M	1210500755	E452P2N30011C4L	1210501764	E452N3N06011A12
1210500311	E452B3A30012C4H	1210500489	E452I4N40011C42	1210500636	E452N3N25011C42	1210500759	E452P2N30011S0H	1210501766	E452N3N10011A12
1210500312	E452B3A30012C4L	1210500492	E452I4N40011C4H	1210500644	E452N3N30011A1H	1210500764	E452P2N50011C42	1210501780	E452A3A30011R2L
1210500339	E452F4N10K11S3B	1210500498	E452I4N50011C3H	1210500648	E452N3N30011C32	1210500769	E452P2N50011C4H	1210501781	E452B3A30011C4H
1210500344	E452F4N20011S3B	1210500499	E452I4N50011C42	1210500650	E452N3N30011C42	1210500770	E452P2N50011C4L	1210501795	E452I2N10K11C4H
1210500352	E452F4N50011S3B	1210500504	E452I4N50011C4H	1210500651	E452N3N30011C44	1210500776	E452P2N50011S0H	1210501799	E452N2N30011A1M
1210500362	E452I0N20011C42	1210500505	E452I4N50011C4L	1210500652	E452N3N30011C45	1210500782	E452P3G50011S0B	1210501840	E452A2A30011C32
1210500375	E452I2N10011C4H	1210500506	E452I4N50011C4M	1210500657	E452N3N30011C4H	1210500791	E452P3N10012C4H	1210501844	E452I4N15011C4H
1210500376	E452I2N10011C72	1210500510	E452I4N50011R2L	1210500658	E452N3N30011C4L	1210500792	E452P3N10012C4L	1210501867	E452N3N10011C4M
1210500384	E452I2N20011C3H	1210500511	E452I4N50011S0H	1210500659	E452N3N30011C4M	1210500795	E452P3N10K11S0H	1210501874	E452A3A20011A1M
1210500385	E452I2N20011C4H	1210500515	E452I4N60011C42	1210500662	E452N3N30011R2H	1210500801	E452P3N15011S0H	1210501878	E452N3N1001PC4H
1210500388	E452I2N30011C32	1210500520	E452I4N70011R2H	1210500666	E452N3N30011S0D	1210500803	E452P3N20011C42	1210501879	E452A3A30011C4L
1210500389	E452I2N30011C3H	1210500522	E452I4N80011C4H	1210500673	E452N3N30012C4H	1210500807	E452P3N30011C3H	1210501887	E452A3A50011C7H
1210500392	E452I2N30011C4H	1210500524	E452I8N50011C4H	1210500674	E452N3N30012C4L	1210500810	E452P3N30011C4H	1210501888	E452A3A20011C7H
1210500393	E452I2N30011C4L	1210500548	E452N3N10011A11	1210500685	E452N3N35011A11	1210500812	E452P3N30011S0B	1210501891	E452P3N5001PC4M
1210500394	E452I2N30011C4M	1210500549	E452N3N10011C42	1210500689	E452N3N40011A12	1210500814	E452P3N30011S0H	1210500407	E452I4G30011C4B
1210500399	E452I2N50011C4H	1210500551	E452N3N10011C45	1210500690	E452N3N40011C42	1210500816	E452P3N30012C4L	1210502518	E452A3A50011R2L
1210500408	E452I4G30011C4H	1210500552	E452N3N10011C4B	1210500691	E452N3N40011C44	1210500817	E452P3N50011C3H	1210503039	E452N3N55011D02
1210500414	E452I4G40011C4H	1210500554	E452N3N10011C4H	1210500692	E452N3N40011C45	1210500819	E452P3N50011C4H	1210503032	W452P3N2001RC4E
1210500417	E452I4G50011C4H	1210500558	E452N3N10012C4H	1210500696	E452N3N50011A1B	1210500821	E452P3N50011S02	1210503041	W452N3N5001RR2D
1210500424	E452I4N10011C42	1210500559	E452N3N10012C4L	1210500702	E452N3N50011C42	1210500823	E452P3N50011S0H		
1210500428	E452I4N10011C4H	1210500560	E452N3N10022C4L	1210500703	E452N3N50011C44	1210500826	E452P3N50012C4H		
1210500434	E452I4N10K11C4H	1210500562	E452N3N10K11C42	1210500705	E452N3N50011C4B	1210501561	E452N3N50011C4M		
1210500435	E452I4N10K11C4L	1210500569	E452N3N10K11S02	1210500707	E452N3N50011C4D	1210501578	E452B3A50012C4L		
1210500443	E452I4N15K11C4H	1210500572	E452N3N10K11S0H	1210500708	E452N3N50011C4E	1210501584	E452I4G60011C4H		
1210500448	E452I4N20011C3H	1210500575	E452N3N10K12C4H	1210500709	E452N3N50011C4H	1210501610	E452P2N30011C4H		
1210500452	E452I4N20011C4H	1210500582	E452N3N15011A11	1210500711	E452N3N50011S02	1210501611	E452A3A10K12C4H		
1210500455	E452I4N20011C7H	1210500583	E452N3N15011A12	1210500712	E452N3N50011S0D	1210501624	E452A3A30012C4L		
1210500465	E452I4N30011A1H	1210500584	E452N3N15011A15	1210500713	E452N3N50011S0H	1210501632	E452P2N20011C42		
1210500467	E452I4N30011C3H	1210500585	E452N3N15011C32	1210500714	E452N3N50012C44	1210501657	E452P3N20011C44		
1210500468	E452I4N30011C42	1210500591	E452N3N15012C4H	1210500715	E452N3N50012C4H	1210501664	E452P3N10011C4H		
1210500473	E452I4N30011C4H	1210500594	E452N3N15022C4L	1210500716	E452N3N50012C4L	1210501674	E452A3A20011C44		

MOLEX PN	WOODHEAD PN	MOLEX PN	WOODHEAD PN
1210501612	E452I4G20011C4H	1210503008	E452N3N3001GC4M
1210502672	E452I2N40011C3H	1210501577	E452N3N50011C4L
1210502994	E452N2N20061C42	1210502997	E452N3N50041C42
1210502044	E452A2A30011S0H	1210502985	E452P1N15K11C45
1210500295	E452A3A10011C42	1210502654	E452P1N50011C45
1210502982	E452A3A10012C4H	1210503000	E452P2N10011C3B
1210502035	E452A3A10012C4L	1210500737	E452P2N10011C4H
1210500298	E452A3A30011C4H	1210500747	E452P2N16011C4H
1210502258	E452A3A30012C4M	1210500766	E452P2N50011C4B
1210502678	E452A3A3001RC42	1210500787	E452P3N05011S0B
1210502666	E452B3B50011C4H	1210502526	E452P3N0751PC4M
1210503013	E452I2N10011C42	1210502662	E452P3N10K1PC4H
1210502671	E452I2N15011C3H	1210503005	E452P3N12K11C4H
1210502441	E452I2N20011C7H	1210502052	E452P3N2001PC3H
1210500390	E452I2N30011C42	1210502335	E452P3N2001PC4H
1210502077	E452I2N40011C42	1210501999	E452P3N3001PC45
1210500398	E452I2N50011C42	1210502679	E452P3N50011C4M
1210501916	E452I2N50011C44	1210500827	E452P3N50012C4L
1210502973	E452I4G30011C42	1210503001	E452R4N3001PR2M
1210500478	E452I4N30011R2H	1210502525	E452Y3N20011A12
1210502128	E452I4N35011A1B	1210502492	E452Y3N20011A14
1210500514	E452I4N55011C72		
1210501813	E452I4N60011C4H		
1210502248	E452N2N10K1RA1H		
1210502686	E452N2N15011C4B		
1210501609	E452N2N15011E05		
1210502991	E452N2N30011C31		
1210502178	E452N2N30011C44		
1210501690	E452N2N50011C4H		
1210502690	E452N3N0501NC31		
1210502976	E452N3N10011C4L		
1210500556	E452N3N10011R2H		
1210502510	E452N3N1001RC4H		
1210502050	E452N3N10K11C4L		
1210502687	E452N3N10K1RC4H		
1210502539	E452N3N12011C4M		
1210502318	E452N3N2001PC3H		
1210501968	E452N3N2001PC42		
1210502314	E452N3N2001PR2M		
1210502977	E452N3N30011A11		

ORIGINAL RELEASE
EC NO: WEU2009-0394 2009/05/26
DRWN:MWOLSZCZAK 2009/05/29
CH'KD:MDABROWSKA 2009/06/08
APPR:GOGRODNIK
DESCRIPTION
A
REV

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± ---
1 PLACE	± ---	± ---
ANGULAR ±---°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: ---
DESIGN UNITS: METRIC
FIRST ANGLE PROJECTION

		DATE
DRAWN BY	MWOLSZCZAK	2009/04/09
CHECKED BY	MDABROWSKA	2009/04/09
APPROVED BY	GOGRODNIK	2009/04/09

TITLE: MPM E452XXXXXXXXXX

MOLEX INCORPORATED

MATERIAL NO.: SEE DRAWING
DOCUMENT NO.: E452XXXXXXXXXX
SHEET NO.: 4 OF 5
SIZE: A3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

TABELA 3/CHART 3

MOLEX P/N	WOODHEAD P/N	MOLEX P/N	WOODHEAD P/N	MOLEX P/N	WOODHEAD P/N	MOLEX P/N	WOODHEAD P/N
1210501921	E452N2N20091C3H	1210502278	E452N3N1001TR2H	1210502531	E452I4G50011C42	1210502633	E452Y3N50011C42
1210501932	E452I4G40011S0H	1210502283	E452T3A60011C4H	1210502543	E452P2N50011C4G	1210502634	E452I4N3001PR2M
1210501941	E452N3N3001PS0H	1210502286	E452P3N500KPC4H	1210502548	E452I4G10K11C4H	1210502635	E452Y3N20011A15
1210501960	E452I4N70011R2L	1210502309	E452N3N4001PC4H	1210502549	E452I4G15K11C4H	1210502638	E452N3N25041C42
1210501962	E452P3N3001PC4H	1210502317	E452N2N10011A12	1210502551	E452N2N20011E05	1210502639	E452A3A3001RC32
1210501973	E452I4N50011C3B	1210502334	E452A3A30011C42	1210502554	E452N3N5001PS02	1210502640	E452A3A10K1RC32
1210501998	E452P3N1001PC4H	1210502341	E452N3N10K11C4H	1210502555	E452P3N40011C3H	1210502641	E452A3A3001RC44
1210502000	E452I4N50011S02	1210502352	E452N3N50012S02	1210502561	E452N2N20011A11	1210502642	E452A3A10K1RC34
1210502007	E452A2A15011S0H	1210502357	E452B3A50011C4H	1210502564	E452N3N10K1RA1H	1210502646	E452I4G30011C4L
1210502008	E452A2A50011S0H	1210502359	E452I2N50011C3H	1210502565	E452Y3N20011C42	1210502647	E452A2A30011C4H
1210502018	E452N3N25011S0H	1210502363	E452A2A10K11S0H	1210502567	E452Y3N40011A12	1210502648	E452N3N10011C41
1210502038	E452N3N5001PC4H	1210502375	E452N2N10011R24	1210502568	E452B2B10011A12	1210502650	E452A3A10K1RS0H
1210502039	E452N3N3001PC4H	1210502389	E452N3N55021A12	1210502572	E452N3N05011C31	1210502659	E452N3N40011R2H
1210502043	E452A2A20011S0H	1210502396	E452P3N10K11C4H	1210502575	E452B2A1502TC32	1210502660	E452N2N30011A11
1210502068	E452T3A30011C4H	1210502413	E452P2N50011C4M	1210502577	E452N3N0501RC4B	1210502664	E452N3N3001PC42
1210502080	E452I4N60011C32	1210502417	E452R4N2001PC4M	1210502578	E452N3N12K1RA1H	1210502680	E452N3N03011C42
1210502083	E452N2N30011A1H	1210502418	E452R4N2001PR2E	1210502579	E452I4G80011C4H	1210502681	E452N3N50011C3H
1210502084	E452N2N30011C3H	1210502419	E452N3N8001RA1H	1210502581	E452N2N20011A1H	1210502682	E452P2N03011C4H
1210502091	E452T3A20011C4H	1210502438	E452I4N70011A1L	1210502584	E452N3N03011A12	1210502683	E452P2N05011C4H
1210502092	E452T3A50011C4H	1210502447	E452I4N15011R22	1210502585	E452P3N5001PC4L	1210502988	E452N3N30022C4H
1210502100	E452N3N20011C41	1210502471	E452N2N20011C42	1210502586	E452P3N10011C4L	1210502989	E452N3N30022C4M
1210502115	E452T3A10011C4H	1210502474	E452N3N15011C3A	1210502589	E452N3N5001PC4M	1210503002	E452N20011C7H
1210502137	E452N3N5001RA1H	1210502475	E452N3N25011S0B	1210502590	E452I2N40011C4M	1210510104	E452N20011C4EME
1210502171	E452A2A10011S0H	1210502476	E452I4N90011C3H	1210502599	E452P2N10K12C4B	1210510106	E452N30011C4214
1210502177	E452N2N30011C42	1210502479	E452Y3N40011C42	1210502601	E452A2A30021C4H	1210510113	E452N50011C4EME
1210502180	E452I4N10K11C3H	1210502488	E452P3N30011C4M	1210502605	E452P3N15K1PC4H	1210510114	E452N50011C4H6H
1210502190	E452I2N10014A1G	1210502495	E452A3A30012C4G	1210502606	E452N3N2001PA1H	1210510133	E452P20011C4HBH
1210502213	E452N2N30011R2M	1210502497	E452N3N4001RA1G	1210502607	E452D2N50011C4H	1210510139	E452P30011C4HBH
1210502214	E452N2N15041C4H	1210502505	E452P2N15K11C4H	1210502609	E452N2N30011C45	1210510342	E452N30011C4MP7
1210502219	E452I4N50011R2M	1210502507	E452N3N20014S04	1210502616	E452I2N60011C4M	1210510499	E452C08211S3B3J
1210502223	E452P3N5001PC4H	1210502520	E452N3N2001PS02	1210502619	E452B3A3001PA1H	1210571311	E452N10011C42
1210502232	E452N2N30041C4H	1210502522	E452I4N60011C3H	1210502620	E452B3A3001PA1L	1210571317	E452N10011C4H
1210502247	E452N2N5001RA1H	1210502523	E452P2N40011C3B	1210502621	E452B3A3001PA1M	1210571318	E452N10011C4HA
1210502256	E452T3A06011C4H	1210502524	E452P2N20011C3B	1210502624	E452P3N20011C4L	1210571372	E452N20011C42
1210502259	E452A3A20011C42	1210502527	E452I4N15011A1H	1210502627	E452I2N60011C4H	1210571380	E452N20011C4H
1210502262	E452N3N40011R2M	1210502530	E452I4G40011C42	1210502632	E452I2N20011S12	1210571408	E452N30011C44
1210500313	E452B3A50012C4H	1210502676	E452I2N20012S12	1210500815	E452P3N30012C4H	1210571415	E452N30011C4H
1210501569	E452I2N15011C7H	1210500621	E452N3N20011C4L	1210502984	E452A3A10K11C7H	1210571470	E452N50011C4H

MOLEX P/N	WOODHEAD P/N	MOLEX P/N	WOODHEAD P/N
1210500638	E452N3N25011C4H	1210502908	W452N3N5001RC4C
1210500722	E452N3N65021C42	1210502870	W452N3N5001RC4D
1210503000	E452P2N10011C3B	1210502869	W452N3N5001RC4E
1210503007	E452P3N10011R2B	1210502868	W452N3N5001RS0D
1210501647	E452P3N20011S02	1210580061	W452N4N2001RS01
1210502861	W452A3A10K1RS0H	1210502968	W452P3N10K1RS0H
1210580025	W452I2N10K11S0H	1210502894	W452P3N5001RC4B
1210502942	W452I2N10K6PC3B	1210502867	W452A3A5001RS0H
1210502923	W452I2N20011C7H	1210502860	W452F4N10K1RS0B
1210502922	W452I2N50011C7H	1210502970	W452F4N3001RC4B
1210580022	W452I2N50011S0H	1210502821	W452I4N50011C7H
1210502953	W452I2N5006PC3B	1210502753	W452N3N15K1RC4B
1210502925	W452I4N15K6PC3B	1210502875	W452N3N2001RA1E
1210502762	W452I4N20011C4L	1210502878	W452N3N3001RC4C
1210502764	W452I4N20011C4M	1210502914	W452N3N3001RR2M
1210502758	W452I4N20011C7H	1210502974	W452P3N3001RA1G
1210502924	W452I4N3006PC3B	1210502876	W452P3N5001RC42
1210580016	W452N2N5001RC4B	1210502861	W452A3A10K1RS0H
1210502859	W452N3N10K1RC4B	1210502953	W452I2N5006PC3B
1210502910	W452N3N10K1RC4C	1210502910	W452N3N10K1RC4C
1210502955	W452N3N10K1RC4D	1210502893	W452N3N5001RC3B
1210502909	W452N3N10K1RC4E	1210502870	W452N3N5001RC4D
1210502877	W452N3N2001RC3A	1210502894	W452P3N5001RC4B
1210502958	W452N3N2001RC3B	1210502457	Q452N3N30011C4H
1210502866	W452N3N2001RC4A	1210503026	E452N2N15011C42
1210502865	W452N3N2001RC4B		
1210502892	W452N3N2001RC4E		
1210502874	W452N3N2001RC4H		
1210502864	W452N3N2001RR05		
1210502956	W452N3N30011C44		
1210502755	W452N3N30011C45		
1210502863	W452N3N3001RC4B		
1210502862	W452N3N3001RC4D		
1210502872	W452N3N3001RC4E		
1210580060	W452N3N3001RR2B		
1210502890	W452N3N5001RA1B		
1210502893	W452N3N5001RC3B		
1210502915	W452N3N5001RC4A		
1210502871	W452N3N5001RC4B		

ORIGINAL RELEASE
EC NO: WEU2009-0394 2009/05/26
DRWN:MWOLSZCZAK 2009/05/29
CH'KD:MDABROWSKA 2009/06/08
APPR:GOGRODNIK
DESCRIPTION
A
REV

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± ---
1 PLACE	± ---	± ---
ANGULAR ±---°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: ---
DESIGN UNITS: METRIC
FIRST ANGLE PROJECTION

DRAWN BY: MWOLSZCZAK DATE: 2009/04/09
CHECKED BY: MDABROWSKA DATE: 2009/04/09
APPROVED BY: GOGRODNIK DATE: 2009/04/09
MATERIAL NO.: SEE DRAWING

TITLE: MPM E452XXXXXXXXXX

MOLEX INCORPORATED

DOCUMENT NO.: E452XXXXXXXXXX
SHEET NO.: 5 OF 5
SIZE: A3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

TABELA 3/CHART 3

MOLEX P/N	WOODHEAD P/N	MOLEX P/N	WOODHEAD P/N	MOLEX P/N	WOODHEAD P/N	MOLEX P/N	WOODHEAD P/N
1210501921	E452N2N20091C3H	1210502278	E452N3N1001TR2H	1210502531	E452I4G50011C42	1210502633	E452Y3N50011C42
1210501932	E452I4G40011S0H	1210502283	E452T3A60011C4H	1210502543	E452P2N50011C4G	1210502634	E452I4N3001PR2M
1210501941	E452N3N3001PS0H	1210502286	E452P3N500KPC4H	1210502548	E452I4G10K11C4H	1210502635	E452Y3N20011A15
1210501960	E452I4N70011R2L	1210502309	E452N3N4001PC4H	1210502549	E452I4G15K11C4H	1210502638	E452N3N25041C42
1210501962	E452P3N3001PC4H	1210502317	E452N2N10011A12	1210502551	E452N2N20011E05	1210502639	E452A3A3001RC32
1210501973	E452I4N50011C3B	1210502334	E452A3A30011C42	1210502554	E452N3N5001PS02	1210502640	E452A3A10K1RC32
1210501998	E452P3N1001PC4H	1210502341	E452N3N10K11C4H	1210502555	E452P3N40011C3H	1210502641	E452A3A3001RC44
1210502000	E452I4N50011S02	1210502352	E452N3N50012S02	1210502561	E452N2N20011A11	1210502642	E452A3A10K1RC34
1210502007	E452A2A15011S0H	1210502357	E452B3A50011C4H	1210502564	E452N3N10K1RA1H	1210502646	E452I4G30011C4L
1210502008	E452A2A50011S0H	1210502359	E452I2N50011C3H	1210502565	E452Y3N20011C42	1210502647	E452A2A30011C4H
1210502018	E452N3N25011S0H	1210502363	E452A2A10K11S0H	1210502567	E452Y3N40011A12	1210502648	E452N3N10011C41
1210502038	E452N3N5001PC4H	1210502375	E452N2N10011R24	1210502568	E452B2B10011A12	1210502650	E452A3A10K1RS0H
1210502039	E452N3N3001PC4H	1210502389	E452N3N55021A12	1210502572	E452N3N05011C31	1210502659	E452N3N40011R2H
1210502043	E452A2A20011S0H	1210502396	E452P3N10K11C4H	1210502575	E452B2A1502TC32	1210502660	E452N2N30011A11
1210502068	E452T3A30011C4H	1210502413	E452P2N50011C4M	1210502577	E452N3N0501RC4B	1210502664	E452N3N3001PC42
1210502080	E452I4N60011C32	1210502417	E452R4N2001PC4M	1210502578	E452N3N12K1RA1H	1210502680	E452N3N03011C42
1210502083	E452N2N30011A1H	1210502418	E452R4N2001PR2E	1210502579	E452I4G80011C4H	1210502681	E452N3N50011C3H
1210502084	E452N2N30011C3H	1210502419	E452N3N8001RA1H	1210502581	E452N2N20011A1H	1210502682	E452P2N03011C4H
1210502091	E452T3A20011C4H	1210502438	E452I4N70011A1L	1210502584	E452N3N03011A12	1210502683	E452P2N05011C4H
1210502092	E452T3A50011C4H	1210502447	E452I4N15011R22	1210502585	E452P3N5001PC4L	1210502988	E452N3N30022C4H
1210502100	E452N3N20011C41	1210502471	E452N2N20011C42	1210502586	E452P3N10011C4L	1210502989	E452N3N30022C4M
1210502115	E452T3A10011C4H	1210502474	E452N3N15011C3A	1210502589	E452N3N5001PC4M	1210503002	E452N20011C7H
1210502137	E452N3N5001RA1H	1210502475	E452N3N25011S0B	1210502590	E452I2N40011C4M	1210510104	E452N20011C4EME
1210502171	E452A2A10011S0H	1210502476	E452I4N90011C3H	1210502599	E452P2N10K12C4B	1210510106	E452N30011C4214
1210502177	E452N2N30011C42	1210502479	E452Y3N40011C42	1210502601	E452A2A30021C4H	1210510113	E452N50011C4EME
1210502180	E452I4N10K11C3H	1210502488	E452P3N30011C4M	1210502605	E452P3N15K1PC4H	1210510114	E452N50011C4H6H
1210502190	E452I2N10014A1G	1210502495	E452A3A30012C4G	1210502606	E452N3N2001PA1H	1210510133	E452P20011C4HBH
1210502213	E452N2N30011R2M	1210502497	E452N3N4001RA1G	1210502607	E452D2N50011C4H	1210510139	E452P30011C4HBH
1210502214	E452N2N15041C4H	1210502505	E452P2N15K11C4H	1210502609	E452N2N30011C45	1210510342	E452N30011C4MP7
1210502219	E452I4N50011R2M	1210502507	E452N3N20014S04	1210502616	E452I2N60011C4M	1210510499	E452C08211S3B3J
1210502223	E452P3N5001PC4H	1210502520	E452N3N2001PS02	1210502619	E452B3A3001PA1H	1210571311	E452N10011C42
1210502232	E452N2N30041C4H	1210502522	E452I4N60011C3H	1210502620	E452B3A3001PA1L	1210571317	E452N10011C4H
1210502247	E452N2N5001RA1H	1210502523	E452P2N40011C3B	1210502621	E452B3A3001PA1M	1210571318	E452N10011C4HA
1210502256	E452T3A06011C4H	1210502524	E452P2N20011C3B	1210502624	E452P3N20011C4L	1210571372	E452N20011C42
1210502259	E452A3A20011C42	1210502527	E452I4N15011A1H	1210502627	E452I2N60011C4H	1210571380	E452N20011C4H
1210502262	E452N3N40011R2M	1210502530	E452I4G40011C42	1210502632	E452I2N20011S12	1210571408	E452N30011C44
1210500313	E452B3A50012C4H	1210502676	E452I2N20012S12	1210500815	E452P3N30012C4H	1210571415	E452N30011C4H
1210501569	E452I2N15011C7H	1210500621	E452N3N20011C4L	1210502984	E452A3A10K11C7H	1210571470	E452N50011C4H

MOLEX P/N	WOODHEAD P/N	MOLEX P/N	WOODHEAD P/N
1210500638	E452N3N25011C4H	1210502908	W452N3N5001RC4C
1210500722	E452N3N65021C42	1210502870	W452N3N5001RC4D
1210503000	E452P2N10011C3B	1210502869	W452N3N5001RC4E
1210503007	E452P3N10011R2B	1210502868	W452N3N5001RS0D
1210501647	E452P3N20011S02	1210580061	W452N4N2001RS01
1210502861	W452A3A10K1RS0H	1210502968	W452P3N10K1RS0H
1210580025	W452I2N10K11S0H	1210502894	W452P3N5001RC4B
1210502942	W452I2N10K6PC3B	1210502867	W452A3A5001RS0H
1210502923	W452I2N20011C7H	1210502860	W452F4N10K1RS0B
1210502922	W452I2N50011C7H	1210502970	W452F4N3001RC4B
1210580022	W452I2N50011S0H	1210502821	W452I4N50011C7H
1210502953	W452I2N5006PC3B	1210502753	W452N3N15K1RC4B
1210502925	W452I4N15K6PC3B	1210502875	W452N3N2001RA1E
1210502762	W452I4N20011C4L	1210502878	W452N3N3001RC4C
1210502764	W452I4N20011C4M	1210502914	W452N3N3001RR2M
1210502758	W452I4N20011C7H	1210502974	W452P3N3001RA1G
1210502924	W452I4N3006PC3B	1210502876	W452P3N5001RC42
1210580016	W452N2N5001RC4B	1210502861	W452A3A10K1RS0H
1210502859	W452N3N10K1RC4B	1210502953	W452I2N5006PC3B
1210502910	W452N3N10K1RC4C	1210502910	W452N3N10K1RC4C
1210502955	W452N3N10K1RC4D	1210502893	W452N3N5001RC3B
1210502909	W452N3N10K1RC4E	1210502870	W452N3N5001RC4D
1210502877	W452N3N2001RC3A	1210502894	W452P3N5001RC4B
1210502958	W452N3N2001RC3B	1210502457	Q452N3N30011C4H
1210502866	W452N3N2001RC4A	1210503026	E452N2N15011C42
1210502865	W452N3N2001RC4B		
1210502892	W452N3N2001RC4E		
1210502874	W452N3N2001RC4H		
1210502864	W452N3N2001RR05		
1210502956	W452N3N30011C44		
1210502755	W452N3N30011C45		
1210502863	W452N3N3001RC4B		
1210502862	W452N3N3001RC4D		
1210502872	W452N3N3001RC4E		
1210580060	W452N3N3001RR2B		
1210502890	W452N3N5001RA1B		
1210502893	W452N3N5001RC3B		
1210502915	W452N3N5001RC4A		
1210502871	W452N3N5001RC4B		

ORIGINAL RELEASE
EC NO: WEU2009-0394 2009/05/26
DRWN:MWOLSZCZAK 2009/05/29
CH'KD:MDABROWSKA 2009/06/08
APPR:GOGRODNIK
DESCRIPTION
A
REV

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± ---
1 PLACE	± ---	± ---
ANGULAR ±---°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: ---
DESIGN UNITS: METRIC
FIRST ANGLE PROJECTION

DRAWN BY: MWOLSZCZAK DATE: 2009/04/09
CHECKED BY: MDABROWSKA DATE: 2009/04/09
APPROVED BY: GOGRODNIK DATE: 2009/04/09
MATERIAL NO.: SEE DRAWING

TITLE: MPM E452XXXXXXXXXX

MOLEX INCORPORATED

DOCUMENT NO.: E452XXXXXXXXXX
SHEET NO.: 5 OF 5
SIZE: A3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION