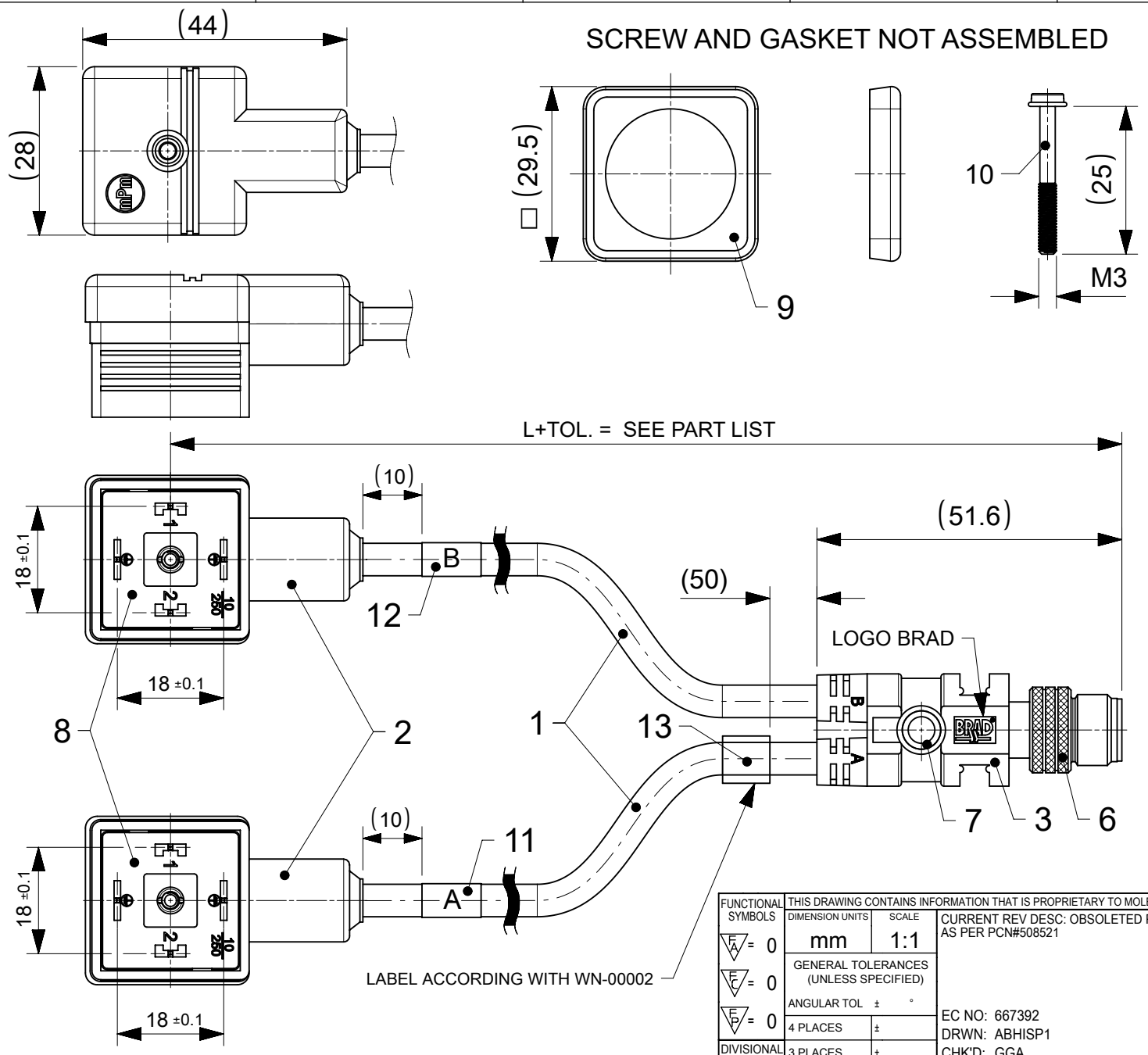
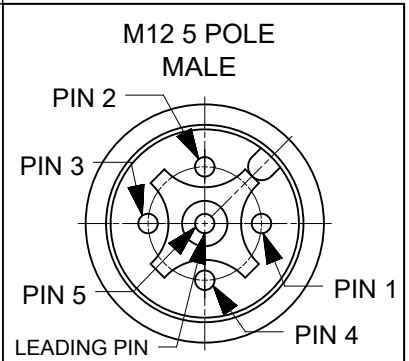
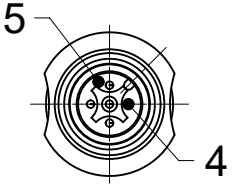
SCREW AND GASKET NOT ASSEMBLED





VIEW FROM THE FRONT SIDE

PIN	WIRE COLOR
1	-
2	BROWN 'B'
3	BLUE
4	BROWN 'A'
5	GREEN-YELLOW



VIEW FROM THE FRONT SIDE

DOCUMENT STATUS	P1	RELEASE DATE	2021/07/05 08:39:51

FORMAT: master-tb-prod-A4
REVISION: J
DATE: 2020/01/14

FUNCTIONAL SYMBOLS
FA = 0
FC = 0
FD = 0

DIVISIONAL SYMBOLS

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DIMENSION UNITS	SCALE
mm	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: OBSOLETED PART NUMNBER AS PER PCN#508521

EC NO: 667392
DRWN: ABHISP1 2021/06/17
CHK'D: GGA 2021/07/05
APPR: GGA 2021/07/05

INITIAL REVISION:
DRWN: MDHARMANTI 2019/09/10
APPR: RSILLER 2019/09/20

THIRD ANGLE PROJECTION | DRAWING: A4-SIZE | SERIES: 121035

molex

ILS-5P-MM/2XDIN-FORM A-XM-PVC/PUR

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1210350285	PSD	000	B

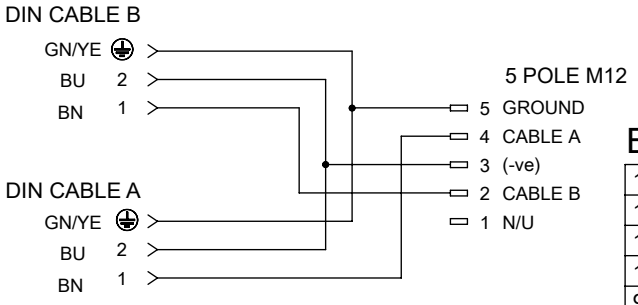
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	1 OF 2

PART NO. MATRIX

E	8	5	A	0	0	X	X	X	X	X	X	X	X

- E- FORM A 18.00 mm (2P+DOUBLE GROUND)
- 8- MMC SINGLE KEYWAY
- 5- 5 POLE MALE
- A - IN LINE SPLITTER
- 0 - NO CIRCUIT
- 0- DIN EARTH POSITION H6/H12
- CABLE TYPE :
  - E12 = PVC, 3X0.5mm, BLACK
  - P12 = PUR, 3X0.5mm, BLACK
- M-METER
- C- CENTIMETERS
- LENGTH :
  - 010 = 1M
  - 020 = 2M
  - 030 = 3M
- COUPLING NUT :
  - BLANK = STANDARD
  - 1 = HEXAGONAL / STAINLESS STEEL
  - 5 = DELRIN
  - 7 = TEFLON COATED

WIRING DIAGRAM



PART LIST

MOLEX PN	ENGINEERING NO	CABLE TYPE, JACKET MATERIAL	L+TOL. [mm]
1210350158	E85A00E12M010	E12, PVC	1000
1210350212	E85A00P12M003	P12, PUR	300
1210350213	E85A00P12M006	P12, PUR	600
1210350283	E85A00E12M020	E12, PVC	2000
1210350285	E85A00E12M015	E12, PVC	1500

BOM

ITEM	QTY	DESCRIPTION	MATERIAL	FINISH/COLOR
13	1	LABEL	VINYL	YELLOW
12	1	LABEL B B-500 WMB	VINYL	WHITE
11	1	LABEL A B-500 WMA	VINYL	WHITE
10	2	SCREW M3x25	BRASS	ZINC
9	2	PROFILED GASKET G11	NBR	BLACK
8	2	MOUNTED INSERT 2P+2T	-	BLACK
7	1	CENTRE SPACER ILS	PVC	YELLOW
6	1	M12 MALE COUPLING NUT	BRASS	Ni-PLATED
5	1	5P MALE INSERT	PUR	BLACK
4	5	CONTACT 10 MALE	COPPER	SELECTIVE GOLD OVER NICKEL
3	-	MOULDING MATERIAL	PVC	YELLOW
2	-	MOULDING MATERIAL	PP	BLACK
1	-	CABLE 3X0.50MM	SEE PART LIST	BLACK

CONNECTOR SPECIFICATION :
ELECTRICAL DATA :
- VOLTAGE RATING : 60V
- AMPERAGE RATING : 4A
- IP PROTECTION : IP65

CABLE SPECIFICATION :
CONDUCTOR :
- MATERIAL : BARE COPPER
- SECTION : 0.50mm^2
- STRANDING : 28x0.15 mm

JACKET :
- COMPOUND : PUR/PVC (SEE PART LIST)
- COLOR : BLACK
- DIAMETER : $\varnothing 5.5^{+0.30}$ mm

CABLE LENGTH TOLERANCES[mm]		
OVER	UP TO AND INCLUDING	TOLERANCES
0	305	+19
305	915	+45
915	1830	+56
1830	3660	+89
3660	7320	+165
7320	14640	+317
14640	30500	+610
30500	>	+2% OF FINISHED LENGTH

FUNCTIONAL SYMBOLS
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FC = 0
FD = 0
DIVISIONAL SYMBOLS

DIMENSION UNITS: mm
SCALE: 1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL ± °	
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DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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THIRD ANGLE PROJECTION | DRAWING: A4-SIZE | SERIES: 121035 | MATERIAL NUMBER: SEE TABLE | CUSTOMER: GENERAL MARKET | SHEET NUMBER: 2 OF 2

molex

ILS-5P-MM/2XDIN-FORM A-XM-PVC/PUR

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1210350285	PSD	000	B

DOCUMENT STATUS	P1	RELEASE DATE	2021/07/05 08:39:51

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