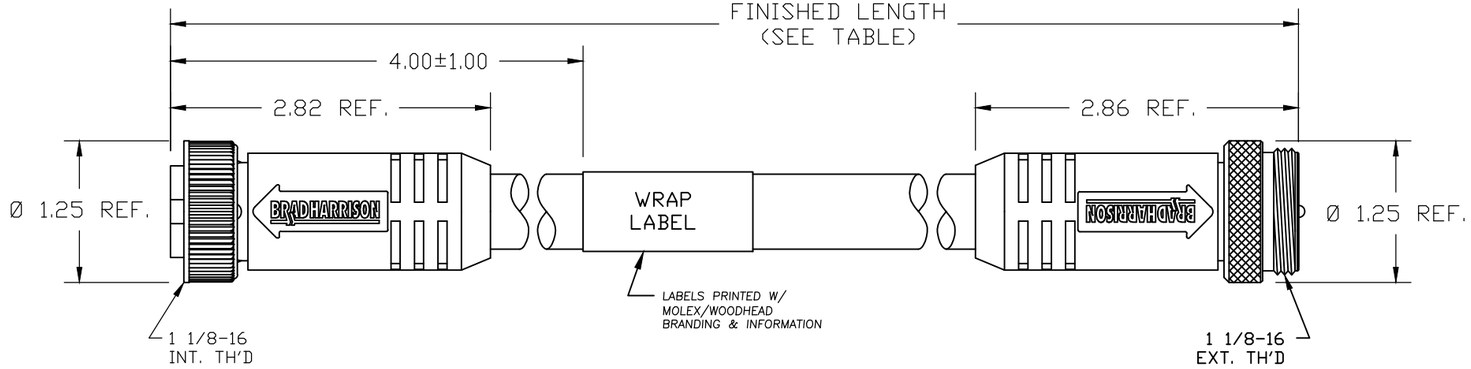
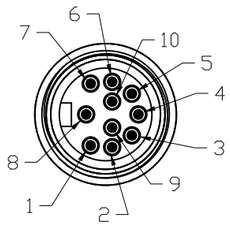


FEMALE FACE VIEW





MALE FACE VIEW

1	ORANGE	1
2	BLUE	2
3	WHITE/BLACK	3
4	RED/BLACK	4
5	GREEN/BLACK	5
6	ORANGE/BLACK	6
7	RED	7
8	GREEN/YELLOW	8
9	BLACK	9
10	WHITE	10

SPECIFICATIONS:

COUPLING NUT: (FEMALE) ZINC DIECAST W/ BLACK ELECTROPHORETIC COATING
(MALE) BLACK ANODIZED ALUMINUM
CONTACT MATERIAL: GOLD/NICKEL OVER COPPER ALLOY
INSERT MATERIAL: YELLOW TPE
OVERMOLD MATERIAL: YELLOW TPE

CABLE: #16/10 YELLOW TPE
TC-ER & FT4 RATED

ASSEMBLY RATING: 600V, 9A

ENVIRONMENTAL: -20°C TO 90°C
IP67 WHEN MATED

AGENCY APPROVALS: UL LISTED

MECHANICAL CHARACTERISTICS:

TORSIONAL FLEX TEST	*20 MILLION CYCLES PER MIL-C-13777G*
BEND FLEX TEST	*20 MILLION CYCLES PER MIL-C-13777G*
WELD SLAG RESISTANCE	*WOODHEAD STANDARD S-300*

MOLEX SAP P/N#	ENGINEERING P/N#	"L" (Meters)	"L" (INCH)	TOLERANCE (INCH)
1300120572	331030K13M010	1.0 M	39.37"	+2.19"/-0.00"
1300120574	331030K13M030	3.0 M	118.11"	+3.50"/-0.00"
1300120575	331030K13M040	4.0 M	157.48"	+6.50"/-0.00"
1300120522	331030K13M050	5.0 M	196.85"	+6.50"/-0.00"
1300120576	331030K13M060	6.0 M	236.22"	+6.50"/-0.00"
1300120577	331030K13M080	8.0 M	314.96"	+12.50"/-0.00"
1300120578	331030K13M100	10.0 M	393.70"	+12.50"/-0.00"
1300120579	331030K13M120	12.0 M	472.44"	+12.50"/-0.00"
1300120580	331030K13M150	15.0 M	590.55"	+24.50"/-0.00"
1300120581	331030K13M200	20.0 M	787.40"	+24.50"/-0.00"
1300120582	331030K13M250	25.0 M	984.25"	+24.50"/-0.00"
1300120521	331030K13M300	30.0 M	1181.10"	+24.50"/-0.00"
1300120584	331030K13M500	50.0 M	1968.50"	+39.37"/-0.00"
1300120585	331030K13M600	60.0 M	2362.20"	+47.24"/-0.00"

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

DIMENSION UNITS	SCALE
INCH	3:4

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±---	±---
3 PLACES	±---	±0.005
2 PLACES	±0.13	±0.01
1 PLACE	±0.25	±0.02
0 PLACES	±---	±---
ANGULAR TOL	± 0.5 °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN #517104

EC NO:	836953	
DRWN:	PRANAA	2025/10/10
CHK'D:	GGA	2025/10/16
APPR:	GGA	2025/10/16
INITIAL REVISION:		
DRWN:	VOU	2012/02/27
APPR:	JFMURPHY	2013/04/05

THIRD ANGLE PROJECTION

molex

MINI-CHANGE CORDSET
10P MALE/FEMALE ST/ST #16/10 TPE CABLE

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-130012-006	PSD	001	A1

DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
B-SIZE	130012	SEE CHART	GENERAL MARKET	1 OF 1

DOCUMENT STATUS	P1	RELEASE DATE	2025/10/16 19:09:25

FORMAT: IN-ACAD-tb-prod-B
REVISION: C
DATE: 2022/10/04