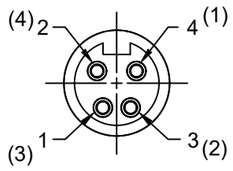
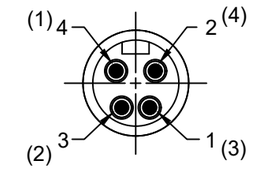
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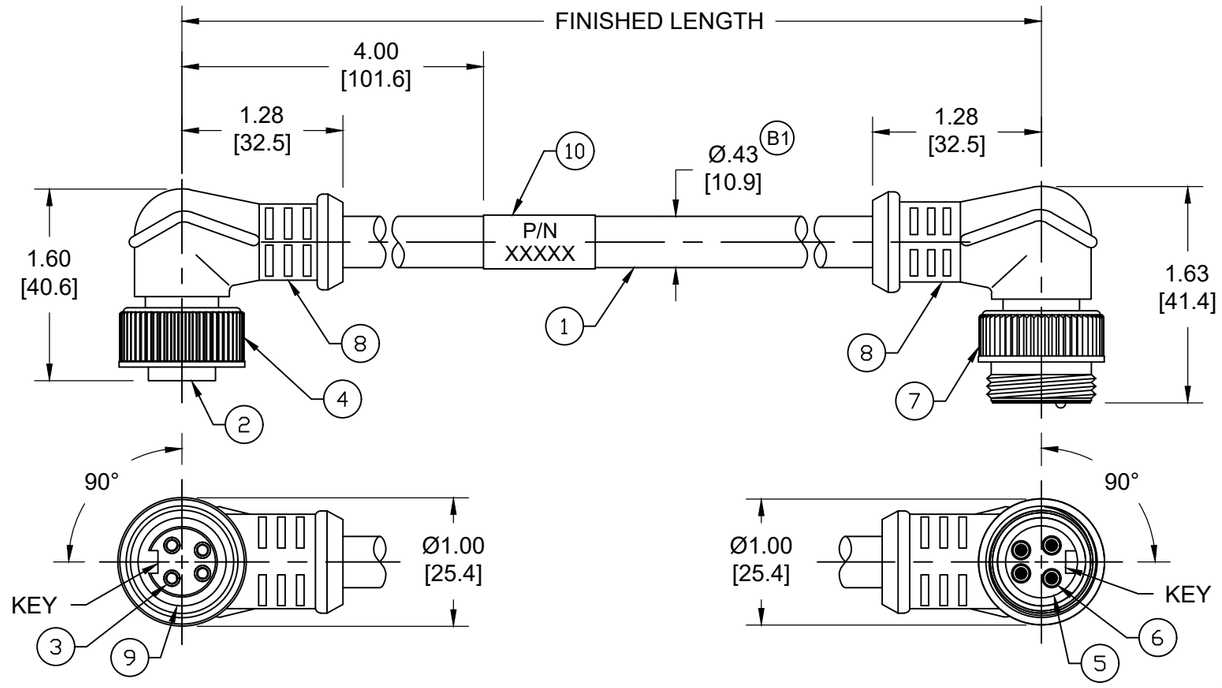
FRONT VIEW - FEMALE INSERT



B1	PART NO	ENGINEERING NO.	FINISHED LENGTH
	1300101743	114033K12M005	0.5M [1FT 8 IN]
	1300101910	114033K12M300	30M [98FT 5 IN]
	1300101913	114033K12M600	60M [196FT 10 IN]

FRONT VIEW - MALE INSERT





FEMALE FACE VIEW

MALE FACE VIEW

NOTES:

1. MATERIAL: SEE TABLE
2. FINISH: SEE TABLE
3. ELECTRICAL:
   VOLTAGE: 483V PER IEC60664
   600V PER UL2238
   CURRENT: 8A (B1)
4. TEMP RATING: -20°TO +90°C
5. PROTECTION: IP67 (WHEN MATED)
6. COUPLING THREAD: 7/8-16 UN
7. UL LISTED FILE: E152210 (B1)
8. ALL DIMENSIONS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE

MECHANICAL CHARACTERISTICS: (B1)

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

ITEM	DESCRIPTION	MATERIAL	FINISH	
10	WRAP LABEL	VINYL	BLACK/YELLOW	(B1)
9	FRICTION RING	NYLON	WHITE	(B1)
8	OVERMOLD	TPE	YELLOW	
7	COUPLING NUT, MALE	ZINC DIE-CAST	BLACK E-COAT	
6	CONTACT PIN	COPPER ALLOY	GOLD OVER NICKEL	
5	MALE INSERT	TPE	YELLOW	
4	COUPLING NUT, FEMALE	ZINC DIE-CAST	BLACK E-COAT	
3	CONTACT SOCKET	COPPER ALLOY	GOLD OVER NICKEL	
2	FEMALE INSERT	TPE	YELLOW	
1	CABLE, 16/4 AWG	TPE	YELLOW	

CENELEC EN 50 044 PINOUT SHOWN
(SAE-J-1738A SHOWN IN PARENTHESIS)

4 (1)	BLACK	4 (1)
3 (2)	BLUE	3 (2)
1 (3)	BROWN	1 (3)
2 (4)	WHITE	2 (4)

PART NUMBER LEGEND

114033K12M005

FINISHED LENGTH
M005 = 0.5 METER
M010 = 1 METER
M100 = 10 METER

(B1)

CABLE LENGTH TOLERANCES
<.3M [1FT]: +19mm-0 [+.75in-0]
.3 - .9M [1 - 3FT]: +44.5mm-0 [+1.75in-0]
.9 - 1.8M [3 - 6FT]: +55.6mm-0 [+2.19in-0]
1.8 - 3.7M [6 - 12FT: +88.9mm-0 [+3.50in-0]
3.7 - 7.3M [12 - 24FT]: +165.1mm-0 [+6.50in-0]
7.3-14.6M [24 - 48FT]: +317.5mm-0 [+12.50in-0]
14.6 - 30.5M [48-100FT]: +622.3mm-0 [+24.50in-0]
OVER 30M [100FT] +2% OF FINISHED LENGTH

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

FUNCTIONAL SYMBOLS
FA=0
FF=0
FP=0
DIVISIONAL SYMBOLS

DIMENSION UNITS: INCH/MM
SCALE: NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

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

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: ADDED ITEM-9, TOL CHART, UL NUMBER AND CABLE DIA. CURRENT WAS 10A & ITEM-10 WAS MYLAR. MODIFIED PN CHART

EC NO: 709714
DRWN: ABENJAMINLW 2022/05/16
CHK'D: RSTONE 2022/06/08
APPR: BWOODMAN 2022/06/14

INITIAL REVISION:
DRWN: VOU 2012/01/19
APPR: JFMURPHY 2012/03/08

molex

MINI-CHANGE CORDSET, A-SIZE
4 POLE, MALE 90DEG - FEMALE 90DEG,
SINGLE KEY, #16/4 AWG TPE HI-FLEX

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-130010-020	PSD	001	B1

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	B-SIZE	130010	SEE CHART	GENERAL MARKET	1 OF 1

DOCUMENT STATUS	P1	RELEASE DATE	2022/06/14 13:48:36

FORMAT: IN-ACAD-tb-prod-B
REVISION: B
DATE: 2020/01/14

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