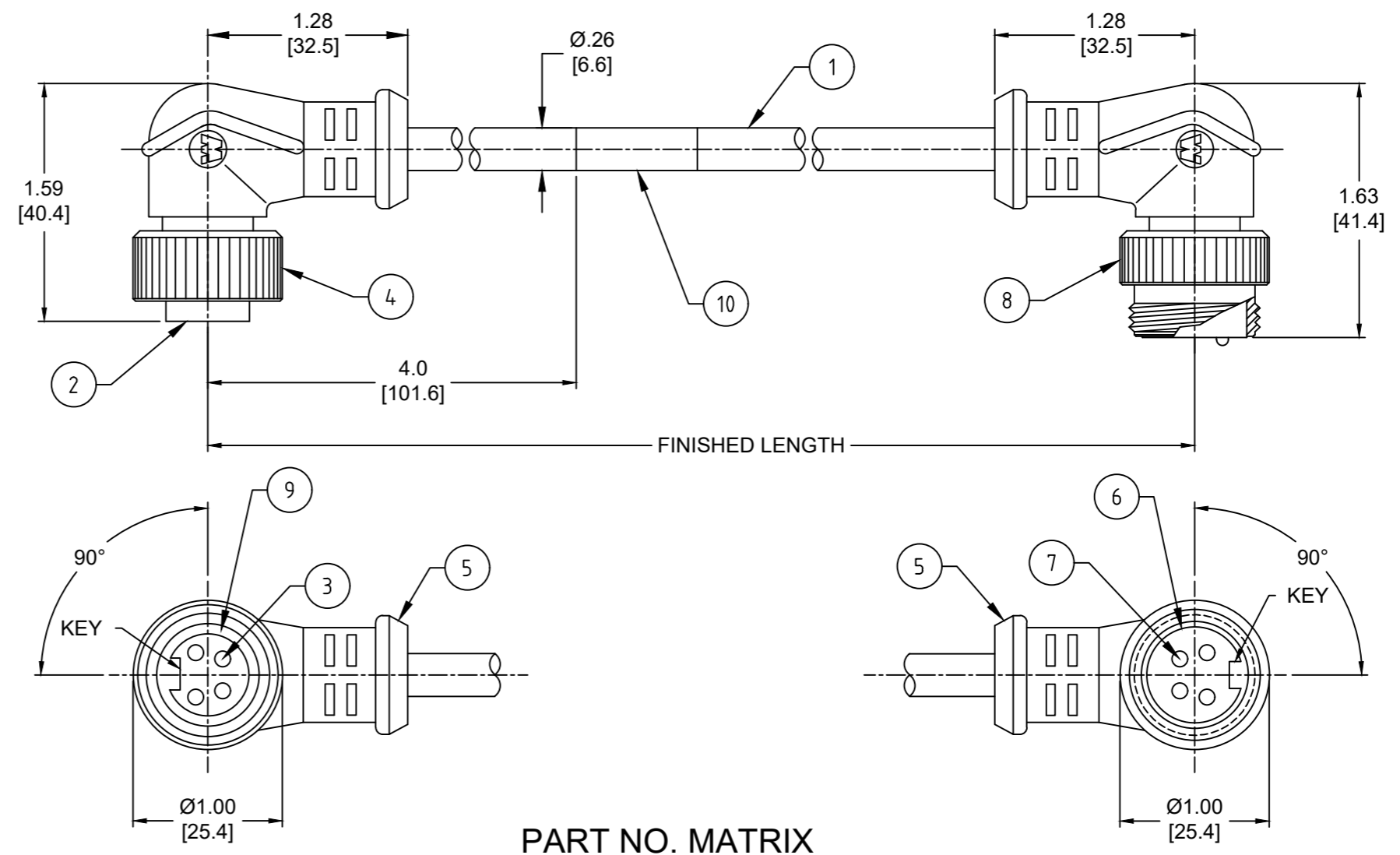


- NOTES:
- MATERIAL: AS NOTED
  - FINISH: AS NOTED
  - ELECTRICAL:  
VOLTAGE: 300V AC/DC  
CURRENT: 5.6A
  - TEMP RATING: -20°C TO +105°C (B)
  - PROTECTION: IP67 (WHEN MATED)
  - COUPLING THREAD: 7/8-16UN
  - CABLE BEND RADIUS IS 10X CABLE DIA.
  - CSA LISTED FILE: LR6837 (B)
  - ALL DIMENSIONS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE

MECHANICAL CHARACTERISTICS: (B)

TORSIONAL FLEX TEST	10 MILLION CYCLES PER MIL-C-13777G
BEND FLEX TEST	10 MILLION CYCLES PER MIL-C-13777G
WELD SLAG RESISTANCE	WOODHEAD STANDARD S-300

ITEM	DESCRIPTION	MATERIAL	FINISH
10	WRAP LABEL	VINYL	BLACK/YELLOW
9	FRICITION RING	NYLON	NATURAL (B)
8	COUPLING NUT, MALE THREAD	ZINC DIE-CAST	BLACK E-COAT (B)
7	CONTACT PIN	COPPER ALLOY	GOLD PLATED (B)
6	MALE INSERT	TPE	YELLOW (B)
5	OVERMOLD	TPE	YELLOW (B)
4	COUPLING NUT, FEMALE THREAD	ZINC DIE-CAST	BLACK E-COAT
3	CONTACT SOCKET	COPPER ALLOY	GOLD PLATED
2	FEMALE INSERT	TPE	YELLOW (B)
1	CABLE, 18 AWG ITC/PLTC, HI-FLEX	TPE JACKET	YELLOW



(B)

PART NO	ENGINEERING NO.	FINISHED LENGTH
1300100971	114033K03M002	0.2M [8 IN]
1300102071	114033K03M100	10M [32FT 10 IN]
1300100981	114033K03M250	25M [82FT]

PART NO. MATRIX  
114033K03M002

FINISHED LENGTH:  
M002= 0.2 METER  
M010= 1 METER  
M100= 10 METER

(B) CABLE LENGTH TOLERANCES

<.3M [1FT]:	+19mm-0 [+1.75in-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

FUNCTIONAL SYMBOLS F=0 E=0 P=0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: ITEM# 2, 5 & 6 WERE PVC. ADDED ITEM #9, TOL CHART & MECH CHART... MODIFIED TEMP RATING & MATERIAL NUMBER CHART	
	DIMENSION UNITS	SCALE	EC NO: 663067	
	INCH/MM	NTS	DRWN: ABENJAMINLW	2021/01/18
	GENERAL TOLERANCES (UNLESS SPECIFIED)		CHK'D: RSTONE	2021/05/06
DIVISIONAL SYMBOLS	4 PLACES ±----	APPR: BWOODMAN	2021/05/13	
1 PLACE ±----	3 PLACES ±----	INITIAL REVISION:		
0 PLACES ±----	2 PLACES ±----	DRWN: RSTONE	2017/02/23	
ANGULAR TOL ± ---- °	APPR: BWOODMAN		2017/03/08	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES	
		B-SIZE	130010	
MATERIAL NUMBER		CUSTOMER	SHEET NUMBER	
SEE CHART		GENERAL MARKET	1 OF 1	

**molex**

MINI-CHANGE EXT. CORDSET A-SIZE  
4 POLE, MALE-FEMALE, 90 DEG-90 DEG,  
SINGLE KEY, 18 AWG, TPE HI-FLEX

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER: SD-130010-039    DOC TYPE: PSD    DOC PART: 001    REVISION: B

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