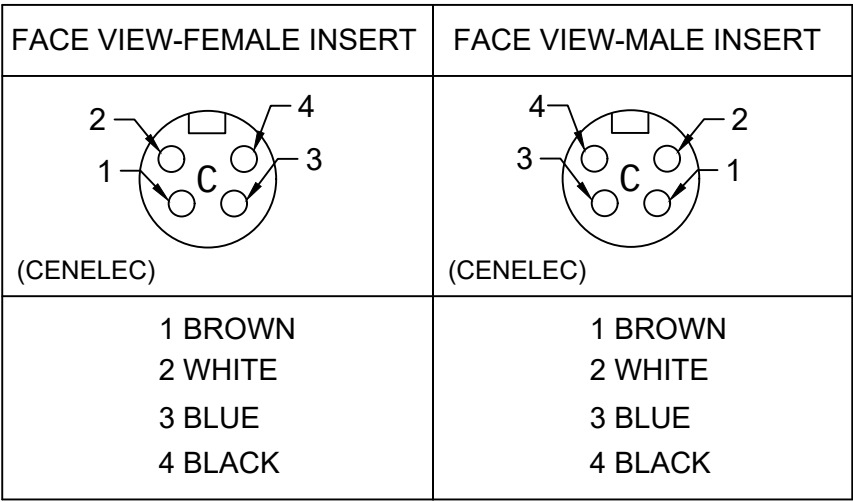


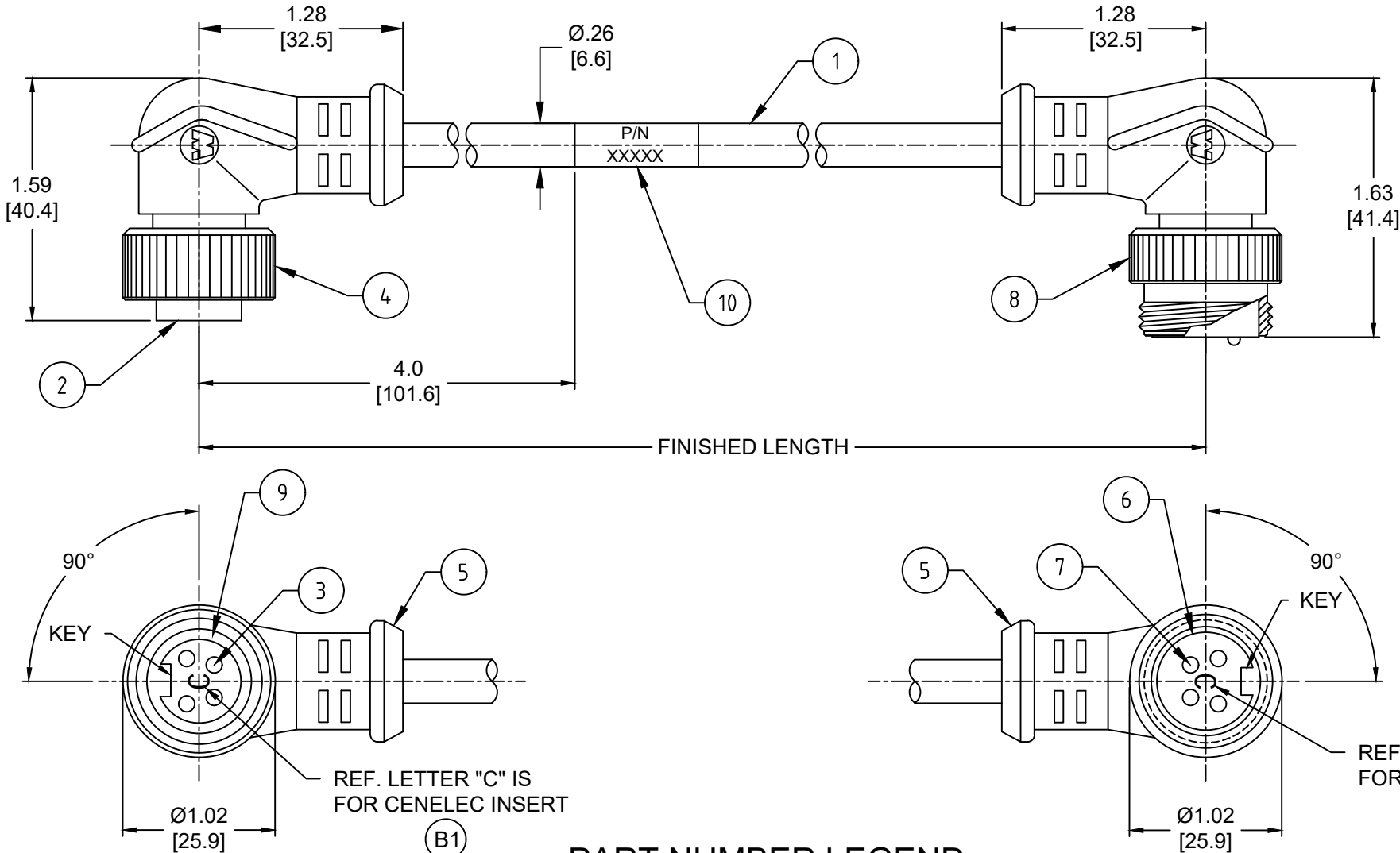


- NOTES:
- 1. MATERIAL: AS NOTED
 - 2. FINISH: AS NOTED
 - 3. ELECTRICAL:
VOLTAGE: 300V AC/DC
CURRENT: 5.6A
 - 4. TEMP RATING: -20°C TO +105°C
 - 5. PROTECTION: IP67 (WHEN MATED)
 - 6. COUPLING THREAD: 7/8-16UN
 - 7. CABLE BEND RADIUS IS 10X CABLE DIA.
 - 8. CSA CERTIFIED FILE: LR6837
 - 9. ALL DIMENSIONS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

MECHANICAL CHARACTERISTICS:

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
DRAW CHAIN TEST	UP TO 20 MILLION CYCLES

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



PART NUMBER LEGEND
114033K03M002

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

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

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

FUNCTIONAL SYMBOLS F A =0 F E =0 F P =0 DIVISIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
	DIMENSION UNITS		SCALE		CURRENT REV DESC: MODIFIED NUMBERS OF PINOUTS FOR CENELEC INSERTS. ADDED DRAG CHAIN TEST VALUE				molex MINI-CHANGE EXT. CORDSET A-SIZE 4 POLE, MALE-FEMALE, 90 DEG-90 DEG, SINGLE KEY, 18 AWG, TPE HI-FLEX						
	INCH/MM		NTS												
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 801051 DRWN: ABENJAMINLW 2024/07/01 CHK'D: LESPINOZA 2024/10/23 APPR: BWOODMAN 2024/10/23										
	mm		INCH												
	4 PLACES		±----						±----						
	3 PLACES		±----		±----		PRODUCT CUSTOMER DRAWING								
	2 PLACES		±----		±----										
	1 PLACE		±----		±----		DOCUMENT NUMBER SD-130010-039								
	0 PLACES		±----		±----						DOC TYPE DOC PART REVISION PSD 001 B1				
ANGULAR TOL ± ---- °				INITIAL REVISION: DRWN: RSTONE 2017/02/23 APPR: BWOODMAN 2017/03/08											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING B-SIZE		SERIES 130010		MATERIAL NUMBER SEE CHART		CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 1	