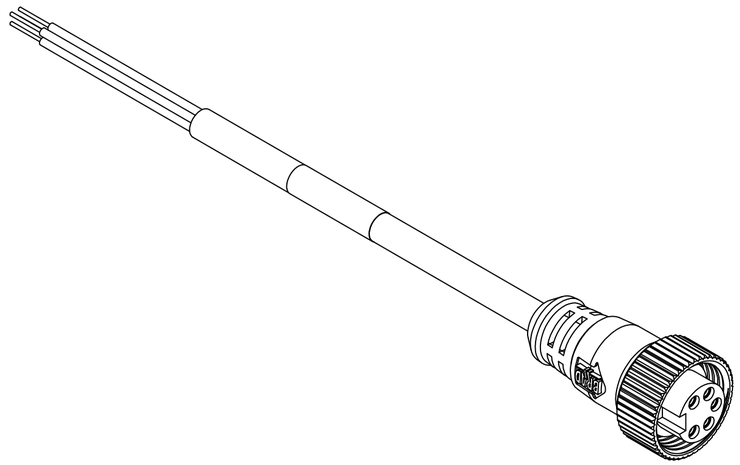
PART NO.	ENGINEERING NO.	FINISHED LENGTH
1300061275	105000A07M020	2M [6FT 7 IN]
1300061283	105000A07M050	5M [16FT 5 IN]
1300061296	105000A07M100	10M [32FT 10 IN]
1300061299	105000A07M150	15M [49FT 3 IN]

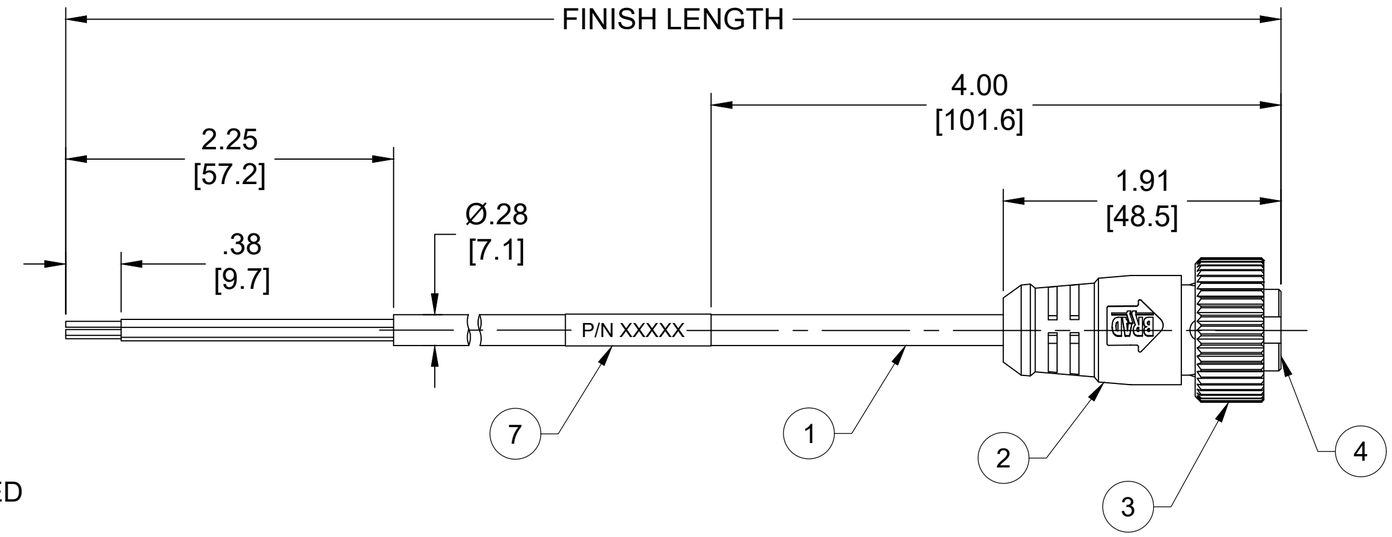
C

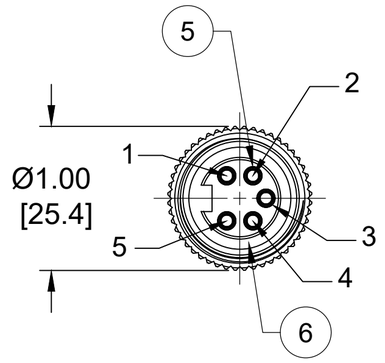
PART NUMBER LEGEND

105000A07M020

CABLE LENGTH
M050 = 5 METER
M100 = 10 METER
M500 = 50 METER







FEMALE FACE VIEW

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

ITEM	COMPONENT	MATERIAL	FINISH	
7	WRAP LABEL	VINYL	BLACK/YELLOW	C
6	FRICTION RING	NYLON	WHITE	C
5	CONTACT SOCKET	COPPER ALLOY	GOLD OVER NICKEL	
4	INSERT	TPE	YELLOW	C
3	COUPLING NUT	ZINC DIE CAST	BLACK-E-COAT	
2	OVERMOLD	TPE	YELLOW	C
1	CABLE, 20 AWG	PVC	YELLOW	

P1

1	BLACK
2	BLUE
3	GREEN/YELLOW-GND
4	BROWN
5	WHITE

WIRING DIAGRAM

C

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
FC=0
FE=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: ITEM# 2 & 4 WERE PVC,ITEM #7 WAS PLASTIC FILM. ADDED FRICTION RING, PN LEGEND & TOL CHART. MODIFIED PN CHART.

EC NO: 698297
DRWN: ABENJAMINLW 2021/05/17
CHK'D: RSTONE 2022/03/16
APPR: BWOODMAN 2022/03/26

INITIAL REVISION:
DRWN: TWOLDEGE 2009/07/22
APPR: JFMURPHY 2009/08/10

molex

MINI-CHANGE CORDSET, A-SIZE
5-POLE, FEMALE, STRAIGHT, SINGLE KEY,
#20 AWG

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-130006-013	PSD	001	C

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 130006 | MATERIAL NUMBER: SEE CHART | CUSTOMER: GENERAL MARKET | SHEET NUMBER: 1 OF 1

DOCUMENT STATUS	P1	RELEASE DATE	2022/03/26 00:25:01

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