MATERIAL NUMBER	ENGINEERING NUMBER	FINISHED LENGTH
1300062383	103000K13M020	2M [6FT 7 IN]
1300062503	103000K13M0401	4M [13FT 1 IN]
1300069043	103000K13M300	30M [98FT 5 IN]

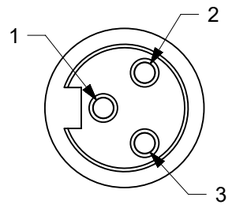
C PART NUMBER LEGEND

103000K13M0401

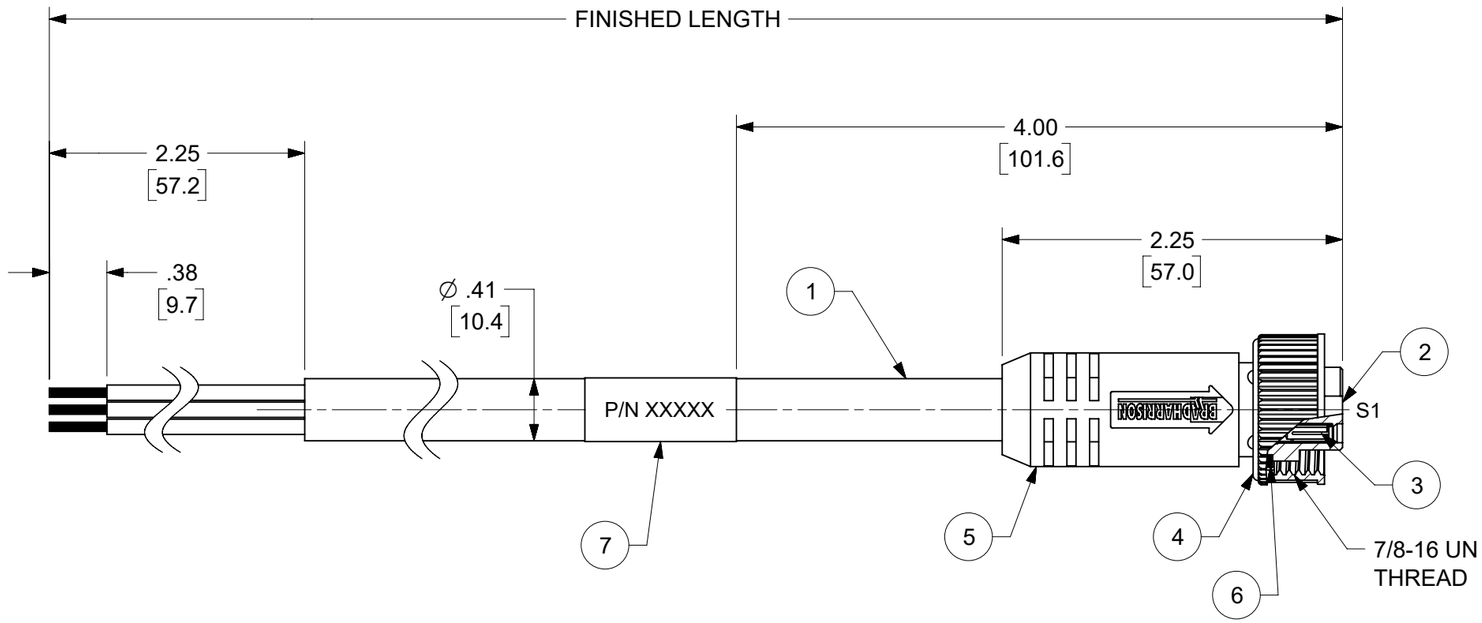
FINISHED LENGTH:
M005 = 0.5 METER
M010 = 1 METER
M100 = 10 METER

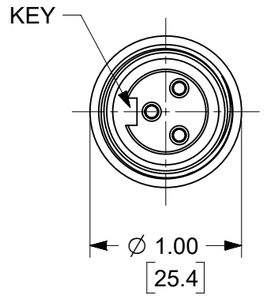
COUPLING NUT (MATERIAL/FINISH)
BLANK = ZINC DIE-CAST/BLACK E-COAT
1 = STAINLESS STEEL/PASSIVATE

FEMALE INSERT
FACE VIEW



1 - GREEN/YELLOW
2 - BLACK
3 - WHITE





FEMALE - FACE VIEW

NOTES:
1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL:
   VOLTAGE: 500V PER IEC60664
   600V PER UL2238
   CURRENT: 13A
4. TEMP RATING: -20°TO +90°C
5. PROTECTION: IP67 (WHEN MATED)
6. UL LISTED FILE: E152210
7. ALL DIMENSIONS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE

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

ITEM	DESCRIPTION	MATERIAL	FINISH
7	WRAP LABEL	VINYL	YELLOW
6	FRICTION RING	NYLON	NATURAL
5	OVERMOLD	TPE	YELLOW
4	COUPLING NUT	SEE P/N LEGEND	SEE P/N LEGEND
3	CONTACT SOCKET	COPPER ALLOY	GOLD PLATED
2	FEMALE INSERT	TPE	YELLOW
1	CABLE, #16AWG	TPE JACKET	YELLOW

C

DOCUMENT STATUS	P1	RELEASE DATE	2026/02/03 19:10:01

S1

GREEN/YELLOW	1
BLACK	2
WHITE	3

WIRING DIAGRAM

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
EW = 0
EF = 0
EP = 0
DIVISIONAL SYMBOLS

DIMENSION UNITS: INCH/MM
SCALE: 1:1

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 STAINLESS STEEL COUPLING NUT IN PN LEGEND. REDRAWN IN NX

EC NO: 839368
DRWN: ABENJAMINLW 2025/11/03
CHK'D: CARLOG18 2025/11/06
APPR: HKNEELAND 2026/02/03

INITIAL REVISION:
DRWN: GGUSTAFS 2013/10/03
APPR: BWOODMAN 2013/11/12

THIRD ANGLE PROJECTION | DRAWING: B-SIZE | SERIES: 130006

molex

MINI-CHANGE CORDSET, A-SIZE,
3 POLE, FEMALE, STRAIGHT, SINGLE KEY, #16 AWG
HI-FLEX

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-130006-059	PSD	001	C

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	1 OF 1

FORMAT: Eng-lega-mpd-prod-B
REVISION: E1
DATE: 2021/05/01