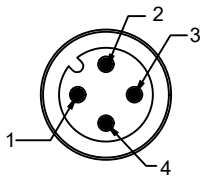
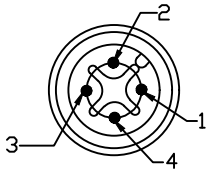
SAP P/N #	ENGINEERING P/N	FINISHED LENGTH
1200662065	82422-M005	0.5M [1FT 8 IN]
1200662096	82422-M080	8M [26FT 3 IN]
1200662100	82422-M160	16M [52FT 6 IN]

FEMALE INSERT
FRONT VIEW

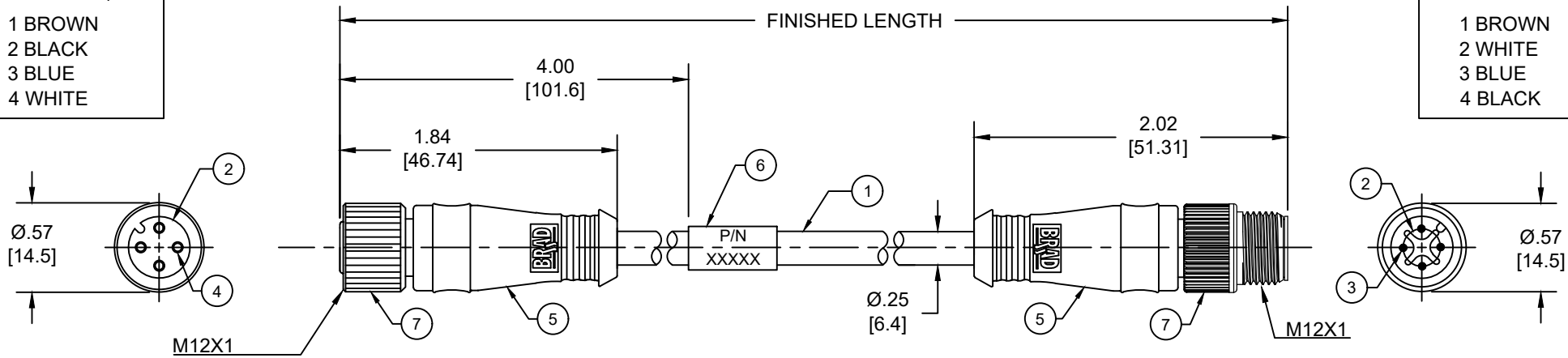


1 BROWN
2 BLACK
3 BLUE
4 WHITE

MALE INSERT
FRONT VIEW



1 BROWN
2 WHITE
3 BLUE
4 BLACK



NOTES:

1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL:
   VOLTAGE: 250V
   CURRENT: 4A
4. TEMP RATING: -20°C TO +105°C
5. PROTECTION: IP67 (WHEN MATED)
6. UL RECOGNIZED FILE: E152210
7. ALL DIMENSIONS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE

MECHANICAL CHARACTERISTICS:

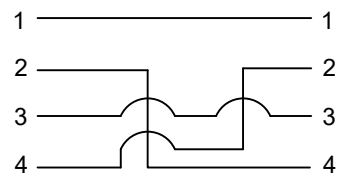
TORSIONAL FLEX TEST	20 MILLION CYCLES PER MIL-C-13777G
BEND FLEX TEST	20 MILLION CYCLES PER MIL-C-13777G
WELD SLAG RESISTANCE	WOODHEAD STANDARD S-300

PART NO. MATRIX

82422-M010

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

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

ITEM	DESCRIPTION	MATERIAL	FINISH
7	COUPLING NUT	ZINC DIE-CAST	BLACK E-COATED
6	WRAP LABEL	VINYL	BLACK/YELLOW
5	OVERMOLD	TPC	YELLOW
4	CONTACT SOCKET	COPPER ALLOY	GOLD/NICKEL
3	CONTACT PIN	COPPER ALLOY	GOLD/NICKEL
2	INSERTS	NYLON	BLACK
1	CABLE 18/4 HI FLEX	TPE JACKET	BLACK

DOCUMENT STATUS | P1 | RELEASE DATE | 2024/01/08 13:25:53

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
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: DOCUMENT CHANGED TO GENERAL MARKET

EC NO: 773048
DRWN: ABENJAMINLW 2023/12/29
CHK'D: RSILLER 2024/01/08
APPR: RSILLER 2024/01/08
INITIAL REVISION:
DRWN: TWOLDEGE 2014/06/02
APPR: BWOODMAN 2014/07/01

THIRD ANGLE PROJECTION | DRAWING: A-SIZE | SERIES: 120066

molex

MICRO-CHANGE CORDSET, M12,
4-POLE, MALE-FEMALE, STRAIGHT, SINGLE KEY,
18 AWG HI-FLEX

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
RSD-120066-033	PSD	001	C1

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

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