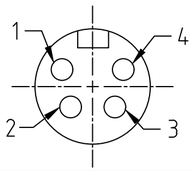
FACE VIEW-MALE INSERT

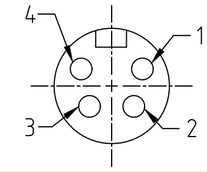


1 BLACK
2 WHITE
3 RED
4 GREEN/YELLOW

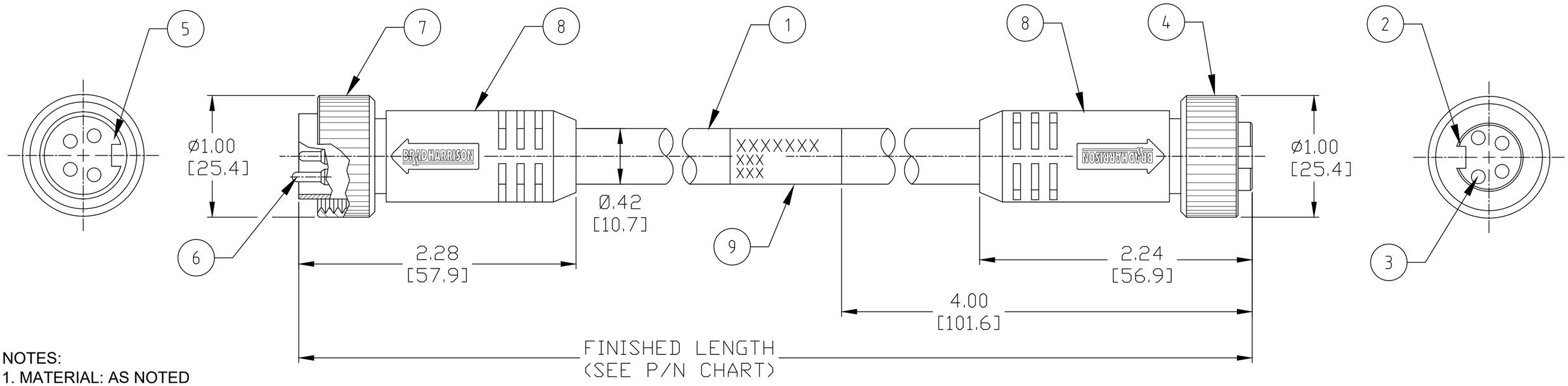
PART NO.	ENGINEERING NO.	FINISHED LENGTH
1300100046	114020A01M4001	131FT 2IN [40M]
1300100520	114020A01F0301	3FT [0.9M]
1300100534	114020A01F1201	12FT [3.7M]
1300100550	114020A01F3001	30FT [9.1M]

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

FACE VIEW-FEMALE INSERT



1 BLACK
2 WHITE
3 RED
4 GREEN/YELLOW



NOTES:
1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL:
   VOLTAGE: 483V PER IEC 60664
   600V PER UL 2238
   CURRENT: 10A
4. TEMP RATING: -20°C TO +105°C
5. PROTECTION: IP67 (WHEN MATED)
6. COUPLING THREAD: 7/8-16 UN
7. UL RECOGNIZED FILE: E152210
   CSA RECOGNIZED FILE: LR6837
8. ALL DIMS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE

PART NUMBER LEGEND

114020A01F0301

- SS COUPLING
- FINISHED LENGTH:
  - F030= 3 FEET
  - M005= 0.5 METER
  - M010= 1.0 METER
  - M100= 10.0 METERS

ITEM	DESCRIPTION	MATERIAL	FINISH
9	WRAP LABEL	VINYL	BLACK/YELLOW
8	OVERMOLDS	TPE	YELLOW
7	COUPLING, MALE	ST. STEEL	PASSIVATED
6	CONTACT PIN	COPPER ALLOY	GOLD PLATED
5	MALE INSERT 4P	TPE	YELLOW
4	COUPLING, FEMALE	ST. STEEL	PASSIVATED
3	CONTACT SOCKET	COPPER ALLOY	GOLD PLATED
2	FEMALE INSERT 4P	TPE	YELLOW
1	CABLE, 16AWG STOOW	PVC JACKET	YELLOW

DOCUMENT STATUS	P1	RELEASE DATE	2020/03/03 18:53:49

SYMBOLS: EA = 0; EF = 0; EP = 0; S = 0; ▼ = 0; C = 0; ☒ = 0; ■ = 0; V = 0

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

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: INITIAL RELEASE

EC NO:	633284	
DRWN:	RSTONE	2020/02/28
CHK'D:	MZIELINSKI	2020/03/03
APPR:	BWOODMAN	2020/03/03

INITIAL REVISION:

DRWN:	RSTONE	2020/02/28
APPR:	BW	2020/03/04

THIRD ANGLE PROJECTION

molex

MINI-CHANGE CABLE ASSEMBLY, SS COUPLING
4 POLE, MALE/FEM, SINGLE KEY 16AWG, STOOW

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1300100520	PSD	000	A

DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
C-SIZE	130010	SEE P/N TABLE	GENERAL MARKET	1 OF 1

FORMAT: IN-ACAD-tb-prod-C
REVISION: A1
DATE: 2019/06/12