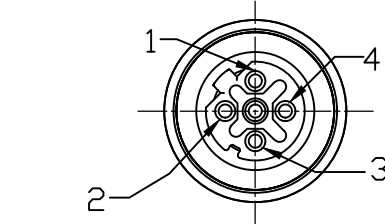
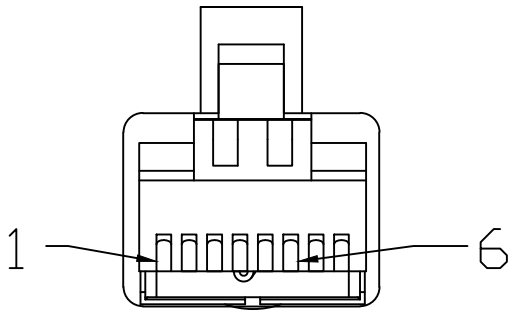
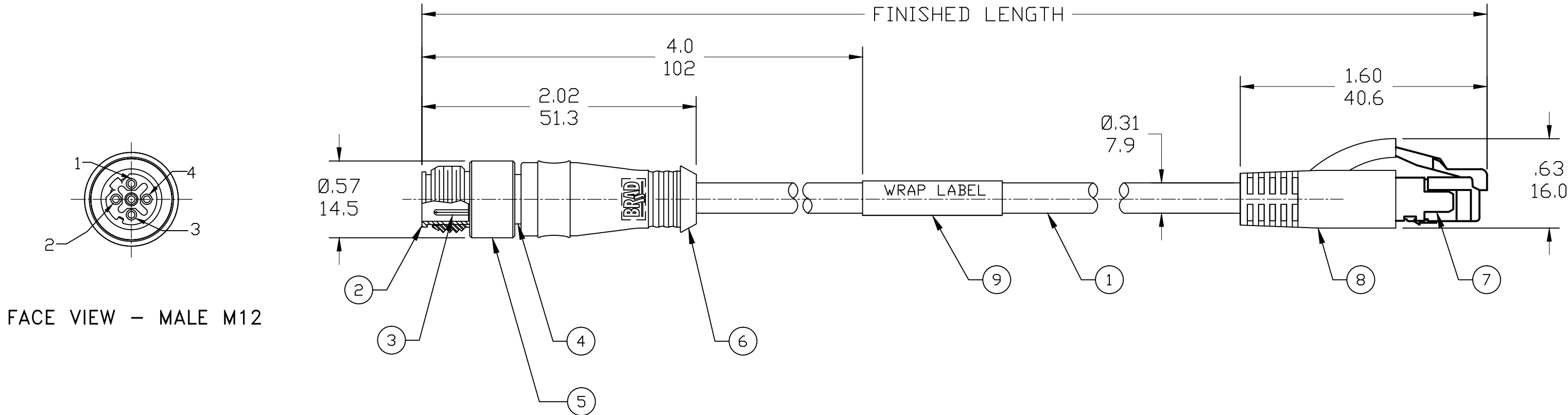


PART NO.	ENGINEERING NO.	FINISHED LENGTH
1201080574	E16A06017M005	0.5M [19.7"]
1201080575	E16A06017M010	1.0M 3'3"
1201080661	E16A06017M100	10.0M [32'10"]

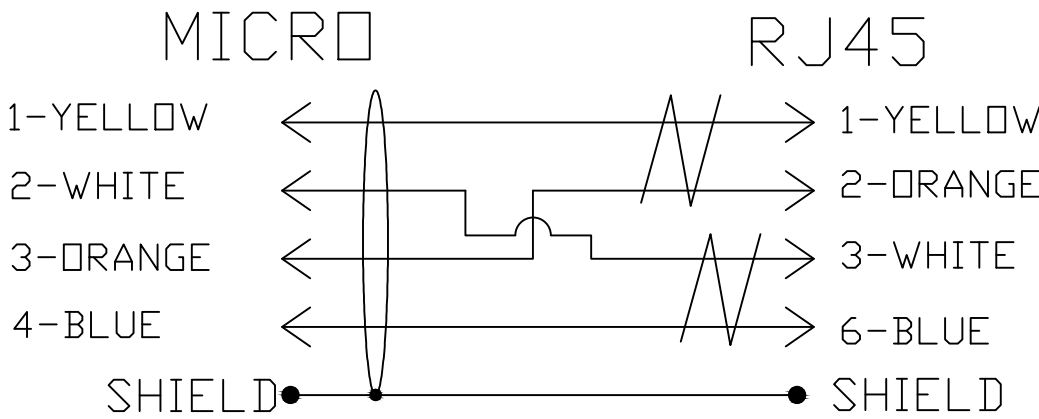
CABLE LENGTH TOLERANCES	
>.3M [1FT]:	+19mm-0 [+ .75in-0]
.3 - .9M [1 - 3FT]:	+44.5mm-0 [+1.75in-0]
.9 - 1.8M [3 - 6FT]:	+55.6mm-0 [+2.19in-0]
1.8 - 3.7M [6 - 12FT]:	+88.9mm-0 [+3.50in-0]
3.7 - 7.3M [12 - 24FT]:	+165.1mm-0 [+6.50in-0]
7.3-14.6M [24 - 48FT]:	+317.5mm-0 [+12.50in-0]
14.6 - 30.5M [48-100FT]:	+622.3mm-0 [+24.50in-0]
OVER 30M [100FT]	+2% OF FINISHED LENGTH



FACE VIEW – MALE M12

FACE VIEW – MALE RJ45
SCALE: 2X

- NOTES:
- 1. MATERIAL: AS NOTED
 - 2. FINISH: AS NOTED
 - 3. ELECTRICAL:
VOLTAGE: 125V
CURRENT: 1.5A
 - 4. TEMP RATING: -20° TO +75°C
 - 5. PROTECTION: IP67 (WHEN MATED)
 - 6. COUPLING THREAD: M12 X 1
 - 7. UL CERTIFIED FILE: E200650
 - 8. ALL DIMS ARE FOR REFERENCE
UNLESS NOTED OTHERWISE



WIRING DIAGRAM

PART NUMBER LEGEND
E16A06017M005

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

9	WRAP LABEL	VINYL	BLACK/YELLOW
8	RJ-45 BOOT	PVC	BLACK
7	RJ-45 PLUG	POLYCARBONATE	CLEAR
6	OVERMOLD	PBT	GRAY
5	COUPLING NUT	BRASS	NICKEL PLATED
4	SHIELD HOUSING	BRASS	NICKEL PLATED
3	CONTACT PIN	COPPER ALLOY	GOLD PLATED
2	MALE INSERT, D-CODE	PUR	BLACK
1	CABLE, 2 PAIR, 22AWG, SHLD	TPE JACKET	GREEN
ITEM	DESCRIPTION	MATERIAL	FINISH

REVISED PER LATEST STD EC NO.: IPG2019-0171 DRWN.: RSTONE 2018/10/15 CHKD.: C CHRAST 2018/10/22 APPR.: BWOODMAN			DESCRIPTION REV	QUALITY SYMBOL ▽=0 ▽C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE IN/MM		SCALE NTS	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION
C		mm			INCH	DRAWN BY DATE RSTONE 2018/10/15		TITLE M12 TO RJ45 CORDSET 4P MALE M12/RJ45 ST PROFI-NET MOLEX INCORPORATED				
	4 PLACES	±---			±---	CHECKED BY DATE						
	3 PLACES	±---			±---	C CHRAST ----						
	2 PLACES	±---			±---	APPROVED BY DATE						
	1 PLACE	±---			±---	----						
	ANGULAR ±---°				MATERIAL NO. SEE P/N CHART		DOCUMENT NO. SD-120108-092		SHEET NO. 1 OF 1			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

REF. THIS DRAWING SUPERSEDES CD-CREATE DRAWING SD-120108-091 REV-B