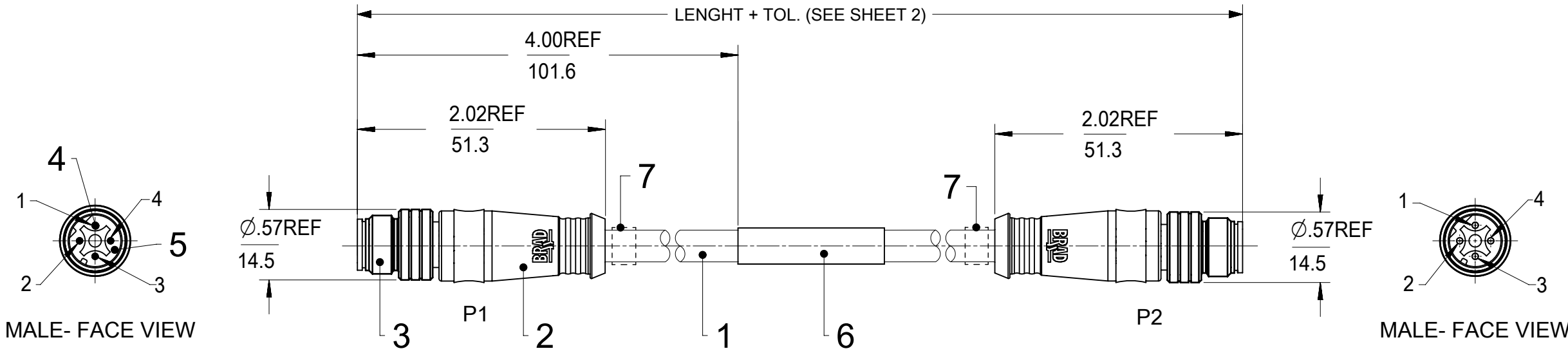




ADDITIONAL CABLE PARAMETERS

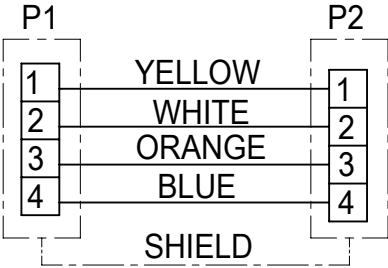
PHYSICAL CHARACTERISTICS:	
CONDUCTOR PAIR SIZE	#22 (7 X #30) BARE COPPER ALLOY
WIRE CROSS SECTION	0.34mm² (NOM.)
INSULATION TYPE	POLYOLEFIN INSULATION
FOIL SHIELD	PLASTIC/ALUMINIUM FOIL WITH FOIL OUT
BRAID SHIELD	TINNED COPPER BRAID WITH MIN. 85% COVERAGE
OUTSIDE DIAMETER	Ø 6.8mm (.267")
JACKET INSULATION	GREEN PUR
PROFINET CABLE STYLE	TYPE C

ENVIRONMENTAL CHARACTERISTICS:	
FLAME RESISTANCE	FT2
AGENCY CERTIFICATIONS	UL AND CSA
OPERATION TEMPERATURE	-20°C TO 60°C
STORAGE TEMPERATURE	-40°C TO 80°C
HALOGEN FREE	IEC 60754-1
SILICONE FREE	YES
CFC-FREE	YES

MECHANICAL CHARACTERISTICS FOR C-TRACK APPLICATIONS:	
MIN. BENDING RADIUS	15xCABLE DIAMETER
OPERATING WAY	5M OF TRAVEL

IMPRINT: E172949 AWM STYLE 20549 AWM
I A/B 80°C 300V FT2 – 9YH(ST)C11Y INDUSTRIAL ETHERNET PROFINET
TYPE C 2x2x22AWG/7 - RoHS “week/year”

WIRING DIAGRAM



NOTES:

- 1) MATERIAL: SEE TABLE
- 2) FINISHES: SEE TABLE
- 3) CABLE: #22/4 SHIELDED PUR
- 4) ELECTRICAL DATA:
ACCORDING TO CAT5e ETHERNET STANDARD
VOLTAGE RATING : 250V
AMPERAGE RATING : 4A
INSULATION RESISTANCE : 10°Ω MIN.
MATING CYCLES : MIN. 100
- 5) ENVIRONMENTAL :
PROTECTION : IP67 IN MATED AND LOCKED POSITION
OPERATING TEMPERATURE : -25°C TO +85°C
- 6) WRAP LABEL IS MARKED WITH P/N, DATE CODE,
VOLTAGE & AMPERAGE.
- 7) ASSEMBLY IS RoHS COMPLIANT.

BOM: (2 QTY ID CARRIER APPLICABLE, IF ENGINEERING No. HAS "H" {SEE TABLE2})

7	2	ID CARRIER	PVC	TRANSPARENT
6	1	LABEL 50x69.8	VINYL	WHITE
5	2	INSERT	PUR	BLACK
4	8	PIN CONTACT	COPPER ALLOY	GOLD PLATED
3	2	M12 COUPLING NUT	BRASS	Ni-PLATED
2	-	OVERMOLD	PUR	BLACK
1	1	CABLE	PUR JACKET	GREEN
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH/COLOR

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
	DIMENSION UNITS		SCALE		CURRENT REV DESC:			molex			
	INCH/MM	1:1									
	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 672185 DRWN: SSM 2021/06/28 CHK'D: RSILLER 2021/09/20 APPR: RSILLER 2021/09/20								
ANGULAR TOL ± 0.5 °											
4 PLACES ±		PRODUCT CUSTOMER DRAWING									
3 PLACES ±											
2 PLACES ± 0.13											
1 PLACE ± 0.25											
DIVISIONAL SYMBOLS	0 PLACES ±		INITIAL REVISION:			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
			DRWN: BRUPERT 2011/11/23			SD-120108-041		PSD	001	G	
			APPR: JFMURPHY 2012/04/17								
						MATERIAL NUMBER			CUSTOMER		SHEET NUMBER
					SEE PART LIST		GENERAL MARKET				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING	SERIES						
				A3-SIZE	120108	1 OF 2					

DOCUMENT STATUS	P1	RELEASE DATE	2021/09/20	12:58:08
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