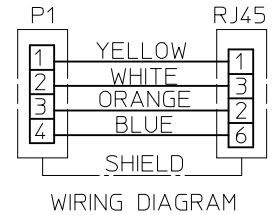


ADDITIONAL CABLE PARAMETERS

PHYSICAL CHARACTERISTICS:	
CONDUCTOR PAIR SIZE	#22 (7 X #30) BARE COPPER ALLOY
WIRE CROSS SECTION	0.34mm <sup>2</sup> (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 6.7mm (.264")
JACKET INSULATION	GREEN PUR
PROFINET CABLE STYLE	TYPE C



NOTES:

- 1) MATERIAL: SEE TABLE
- 2) FINISHES: SEE TABLE
- 3) CABLE: #22/4 SHIELDED PUR
- 4) ELECTRICAL DATA:  
ACCORDING TO CAT5e ETHERNET STANDARD  
MAX. VOLTAGE: 30V  
MAX. CURRENT 1.5A
- 5) ENVIRONMENTAL:  
PROTECTION IP67  
TEMPERATURE RANGE: -20°C TO 60°C
- 6) WRAP LABEL IS MARKED WITH P/N, DATE CODE,  
VOLTAGE & AMPERAGE.
- 7) ASSEMBLY IS RoHS COMPLIANT.

ENVIRONMENTAL CHARACTERISTICS:	
FLAME RESISTANCE	FT1 APPROVED
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
SPEED	200M/Min.
MAX. C-TRACK CYCLES	5 MILLION
ACCELERATION	MAX. 2m/s
WELD SLAG RESISTANCE	NO TEST RESULTS AVAILABLE

IMPRINT: X N X 2x2xAWG22/7-9HSTXC11Y INDUSTRIAL ETHERNET  
PROFINET TYP C E48408 cULus AWM STYLE 20236  
AWM I/II A/B 80°C 30 V FT1

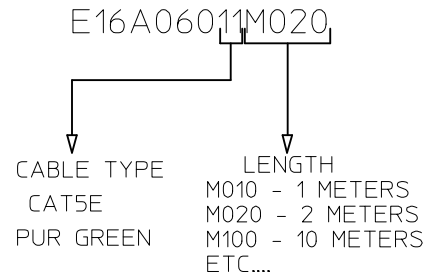
QTY.	DESCRIPTION	MATERIAL	FINISH
1	LABEL	PLASTIC FILM	BLACK/YELLOW
1	INSERT	PUR	BLACK
4	PIN CONTACT	COPPER ALLOY	GOLD PLATED
1	COUPLING NUT	BRASS	NICKEL
1	OVERMOLD	PUR	BLACK
1	RJ45 PLUG	N/A	BLACK
1	ETHERNET CABLE-CAT5E	PUR JACKET	GREEN

<b>ADDED PART NO. TABLE</b> EC NO: ICG2015-2010 DRWN:GGUSTAFSON 2015/05/02 CHKD:BARREN 2015/07/16 APPR:BMOODMAN 2015/06/09	QUALITY SYMBOLS ▽=0 ▽=0
	GENERAL TOLERANCES (UNLESS SPECIFIED) 4 PLACES ± --- ± --- 3 PLACES ± --- ± .005 2 PLACES ± 0.13 ± .010 1 PLACE ± 0.25 ± .020 ANGULAR ± 1/2°
	DIMENSION STYLE IN/MM
	SCALE 1:2

DESIGN UNITS INCH	THIRD ANGLE PROJECTION
DRAWN BY BRUPERT	DATE 2011/11/29
CHECKED BY	DATE
APPROVED BY JFMURPHY	DATE 2012/04/17
MATERIAL NO.	DOCUMENT NO.
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHART

TITLE M12-4P(D)-MM ST/RJ45-M-XM-PUR	MOLEX INCORPORATED
SD-120108-045	SHEET NO. 1 OF 2

MATERIAL NO.	ENGINEERING NO.
1201088255	E16A06011M002
1201088120	E16A06011M005
1201080256	E16A06011M010
1201080203	E16A06011M020
1201088121	E16A06011M030
1201080289	E16A06011M040
1201080257	E16A06011M050
1201080285	E16A06011M060
1201088122	E16A06011M070
1201080286	E16A06011M080
1201080290	E16A06011M090
1201080258	E16A06011M100
1201080291	E16A06011M120
1201080292	E16A06011M140
1201080259	E16A06011M150
1201080293	E16A06011M180
1201080260	E16A06011M200
1201088123	E16A06011M230
1201080261	E16A06011M250
1201080262	E16A06011M300
1201088388	E16A06011M350
1201088199	E16A06011M400
1201080263	E16A06011M500
1201080294	E16A06011M700
1201080196	E16A06011M900
1201088200	E16A06011T100



<b>ADDED PART NO. TABLE</b> EC NO: IPG2015-2010 DRAWN: GUSTAFSON 2015/05/22 CHKD: BARDEN 2015/07/16 APPR: BWOODMAN 2015/06/09	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	▽=0 ▽=0	mm INCH	IN/MM	1:2	INCH		
		4 PLACES ± --- ± --- 3 PLACES ± --- ± .005 2 PLACES ± 0.13 ± .010 1 PLACE ± 0.25 ± .020 0 PLACE ± --- ± ---	DRAWN BY DATE BRUPERT 2011/11/29 CHECKED BY DATE	TITLE	M12-4P(D)-MM ST/RJ45-M-XM-PUR		
		ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	APPROVED BY DATE JFMURPHY 2012/04/17	MATERIAL NO.	DOCUMENT NO.	SHEET NO. 2 OF 2	
			SEE CHART	SD-120108-045			
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				