

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.

ADDITIONAL CABLE PARAMETERS

PHYSICAL CHARACTERISTICS:	
CONDUCTOR PAIR SIZE	#22 (7 X #30) BARE COPPER ALLOY
WIRE CROSS SECTION	0.34mm ² (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

ENVIRONMENTAL CHARACTERISTICS:		MECHANICAL CHARACTERISTICS FOR C-TRACK APPLICATIONS:	
FLAME RESISTANCE	FT1 APPROVED	MIN. BENDING RADIUS	15xCABLE DIAMETER
AGENCY CERTIFICATIONS	UL AND CSA	OPERATING WAY	5M OF TRAVEL
OPERATION TEMPERATURE	-20°C TO 60°C	SPEED	200M/Min.
STORAGE TEMPERATURE	-40°C TO 80°C	MAX. C-TRACK CYCLES	5 MILLION
HALOGEN FREE	IEC 60754-1	ACCELERATION	MAX. 2m/s
SILICONE FREE	YES	WELD SLAG RESISTANCE	NO TEST RESULTS AVAILABLE
CFC-FREE	YES		

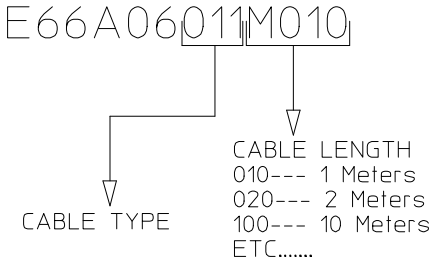
IMPRINT: X N X 2x2xAWG22/7-9H(ST)C11Y INDUSTRIAL ETHERNET
PROFINET TYP C E48408 cULus AWM STYLE 20236
AWM I/II A/B 80°C 30 V FT1

1	LABEL	PLASTIC FILM	BLACK/YELLOW
2	RJ45 PLUG	N/A	BLACK
1	ETHERNET CABLE-CAT5E	PUR JACKET	GREEN
QTY.	DESCRIPTION	MATERIAL	FINISH

tb_frame_B_P_AM.T
Rev. E 2006/04/15

ADDED PART NO. TABLE EC NO: IPG2015-2010 DRAWN: GUSTAFSON 2015/05/22 CHKD: BARDEN 2015/07/16 APPR: BWOODYMAN 2015/06/09	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 1:50	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
					DRAWN BY DATE BRUPERT 2011/11/28		TITLE ENET MMJ RJ45/RJ45			
					CHECKED BY DATE					
					APPROVED BY DATE JFMURPHY 2012/04/17		MOLEX MOLEX INCORPORATED			
					MATERIAL NO.		DOCUMENT NO. SD-120108-044			
					SHEET NO. 1 OF 2					
REV			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE B	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

MATERIAL NO.	ENGINEERING NO.
1201088119	E66A06011C650
1201080207	E66A06011M005
1201080267	E66A06011M010
1201080202	E66A06011M020
1201080269	E66A06011M030
1201080270	E66A06011M040
1201080271	E66A06011M050
1201080272	E66A06011M060
1201080128	E66A06011M070
1201080129	E66A06011M090
1201080273	E66A06011M100
1201088112	E66A06011M120
1201080274	E66A06011M150
1201080275	E66A06011M200
1201080276	E66A06011M250
1201080277	E66A06011M300
1201088113	E66A06011M400
1201080278	E66A06011M500
1201088114	E66A06011M600
1201088248	E66A06011M700
1201088115	E66A06011M800
1201088197	E66A06011M900



ADDED PART NO. TABLE EC NO: IPG2015-2010 DRAWN:GUSTAFSON 2015/05/22 CHKD:BARDEN 2015/07/16 APPR:BMOODMAN 2015/06/09	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION			
					IN/MM		1:50	INCH				
		▽=0	mm	INCH	DRAWN BY	DATE	TITLE ENET MMJ RJ45/RJ45					
		▽=0	4 PLACES ± --- ± ---	BRUPERT	2011/11/28							
			3 PLACES ± --- ± .005	CHECKED BY	DATE	molex						
			2 PLACES ± 0.13 ± .010	APPROVED BY	DATE							
			1 PLACE ± 0.25 ± .020	JFMURPHY	2012/04/17							
			0 PLACE ± --- ± ---	MATERIAL NO.		DOCUMENT NO.		SHEET NO.				
		ANGULAR ±1/2°		SEE CHART		SD-120108-044		2 OF 2				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								