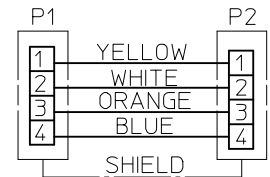


ADDITIONAL CABLE PARAMETERS

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:	
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	15x CABLE 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



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
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.

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

QTY.	DESCRIPTION	MATERIAL	FINISH
1	LABEL	PLASTIC FILM	BLACK/YELLOW
2	INSERT	PUR	BLACK
8	PIN CONTACT	COPPER ALLOY	GOLD PLATED
2	M12 COUPLING NUT	BRASS	NICKEL
2	OVERMOLD	PUR	BLACK
1	ETHERNET CABLE-CAT5E	PUR JACKET	GREEN

UPDATED PART NUMBERS	EC NO.: IPG2016-0189
	DRWNG:GGUSTAFSON 2015/08/03
	CHKD:BRUPERT 2015/10/02
	APPR:BMOODMAN 2015/08/14
REV	DESCRIPTION

QUALITY SYMBOLS	▽=0
	▽=0

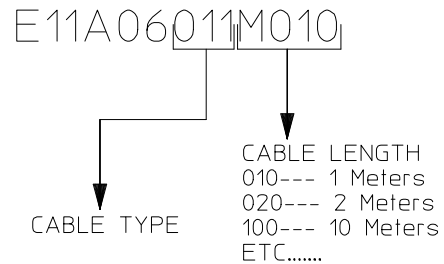
GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	± .---	± .---
3 PLACES	± .---	± .005
2 PLACES	± 0.13	± .010
1 PLACE	± 0.25	± .020
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE
MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE	
IN/MM	
DRAWN BY	DATE
BRUPERT	2011/11/23
CHECKED BY	DATE
APPROVED BY	DATE
JFMURPHY	2012/04/17
MATERIAL NO.	

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
1:1	INCH	☉
TITLE MIC 4P M/MP ST/ST D-CODE		
MOLEX INCORPORATED		SHEET NO.
DOCUMENT NO. SD-120108-041		1 OF 2
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

MATERIAL NO.	ENGINEERING NO.
1201080236	E11A06011M010
1201080199	E11A06011M020
1201080237	E11A06011M030
1201080213	E11A06011M040
1201080238	E11A06011M050
1201080239	E11A06011M060
1201080240	E11A06011M070
1201080241	E11A06011M080
1201080242	E11A06011M090
1201080243	E11A06011M100
1201080244	E11A06011M120
1201080245	E11A06011M140
1201080246	E11A06011M150
1201080247	E11A06011M180
1201080248	E11A06011M200
1201080249	E11A06011M240
1201088256	E11A06011M250
1201080250	E11A06011M300
1201088257	E11A06011M350
1201080281	E11A06011M400
1201080251	E11A06011M500
1201080282	E11A06011M600
1201080283	E11A06011M700
1201080287	E11A06011M750
1201080284	E11A06011M800
1201080288	E11A06011M900
1201088201	E11A06011T100



UPDATED PART NUMBERS EC NO: IFC2016-0189 TDRWNG:GUSTAFSON 2015/08/03 CHKD:BRUPERT 2015/10/02 APPR:WOODMAN 2015/08/14	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE IN/MM	SCALE 1:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION																																			
		▼=0 ▽=0	<table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± ---</td> <td>± .005</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.13</td> <td>± .010</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.25</td> <td>± .020</td> </tr> <tr> <td>0 PLACE</td> <td>± ---</td> <td>± ---</td> </tr> </tbody> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± .005	2 PLACES	± 0.13	± .010	1 PLACE	± 0.25	± .020	0 PLACE	± ---	± ---	<table border="1"> <thead> <tr> <th colspan="2">DRAWN BY</th> <th colspan="2">DATE</th> </tr> </thead> <tbody> <tr> <td>BRUPERT</td> <td></td> <td>2011/11/23</td> <td></td> </tr> <tr> <th colspan="2">CHECKED BY</th> <th colspan="2">DATE</th> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	DRAWN BY		DATE		BRUPERT		2011/11/23		CHECKED BY		DATE						TITLE MIC 4P M/MP ST/ST D-CODE			
			mm	INCH																																						
		4 PLACES	± ---	± ---																																						
3 PLACES	± ---	± .005																																								
2 PLACES	± 0.13	± .010																																								
1 PLACE	± 0.25	± .020																																								
0 PLACE	± ---	± ---																																								
DRAWN BY		DATE																																								
BRUPERT		2011/11/23																																								
CHECKED BY		DATE																																								
ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				APPROVED BY JFMURPHY 2012/04/17	MATERIAL NO. SEE CHART		DOCUMENT NO. SD-120108-041	SHEET NO. 2 OF 2																																		
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																																										

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[1201080199](#)