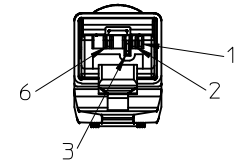
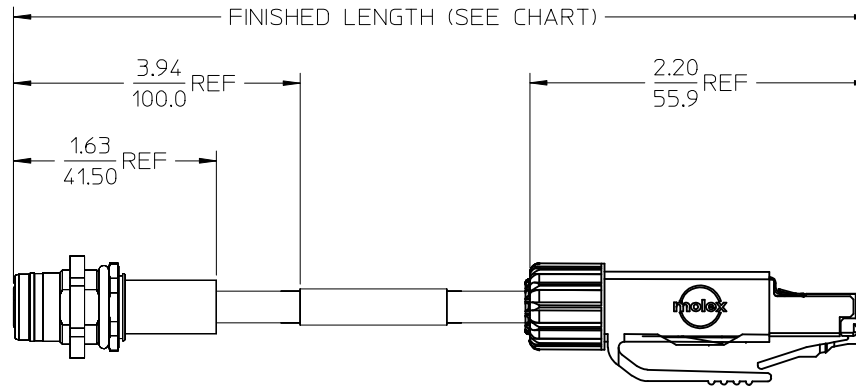
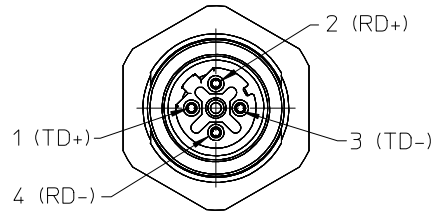


PART NUMBER	ENGINEERING NO.	LENGTH ± TOLERANCE
1201080206	ERWPAU7011M020	6' 6" +2.19"/-0" [2M +55.6/-0 mm]



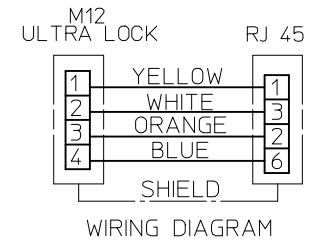
ADDITIONAL CABLE PARAMETERS

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 6.7mm (.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

IMPRINT: X N X 2x2xAWG22/7-9H1STIC11Y INDUSTRIAL ETHERNET
PROFINET TYP C E48408 cULus AWM STYLE 20236
AWM I/II A/B 80°C 30 V FT1



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.

1	LABEL	PLASTIC FILM	BLACK/YELLOW
1	O-RING	VITON	BLACK
1	INSERT	POLYURETHANE	BLACK
1	SOCKET CONTACT	BRASS ALLOY	GOLD PLATED
1	LOCKNUT	BRASS ALLOY	PLATED
1	SLEEVE	BRASS ALLOY	PLATED
1	M12 SHELL	BRASS ALLOY	ZINC PLATED
1	RJ45 PLUG	N/A	BLACK
1	ETHERNET CABLE-CAT5E	PUR JACKET	GREEN
QTY.	DESCRIPTION	MATERIAL	FINISH

ADDED CABLE INFO.	
EC NO: PG2014-0841	2013/11/06
DRW:W.B. 2013/11/06	2013/11/25
CHKD:TWLDEGE	2013/11/25
APPR:BMWOODMAN	2013/11/18

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	2011/12/01
CHECKED BY	DATE
APPROVED BY	DATE
JFMURPHY	2012/04/17
MATERIAL NO.	
SIZE	
B	

SCALE 1:100	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION
TITLE UNLOCK D-CODE M12 REC TO RJ45		
MOLEX INCORPORATED		
DOCUMENT NO. SD-120108-048		SHEET NO. 1 OF 1
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		