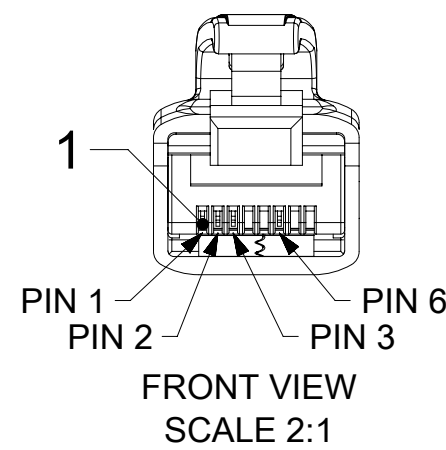
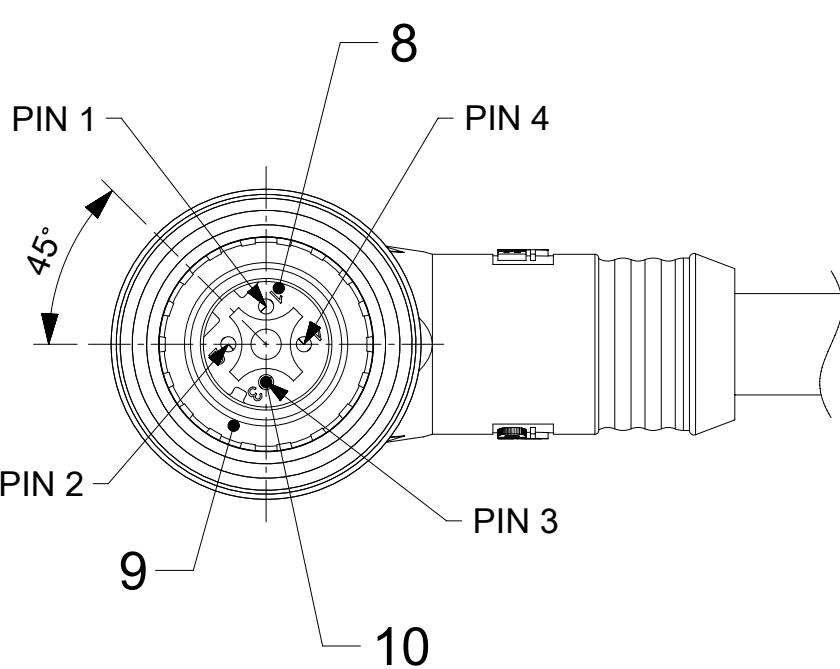
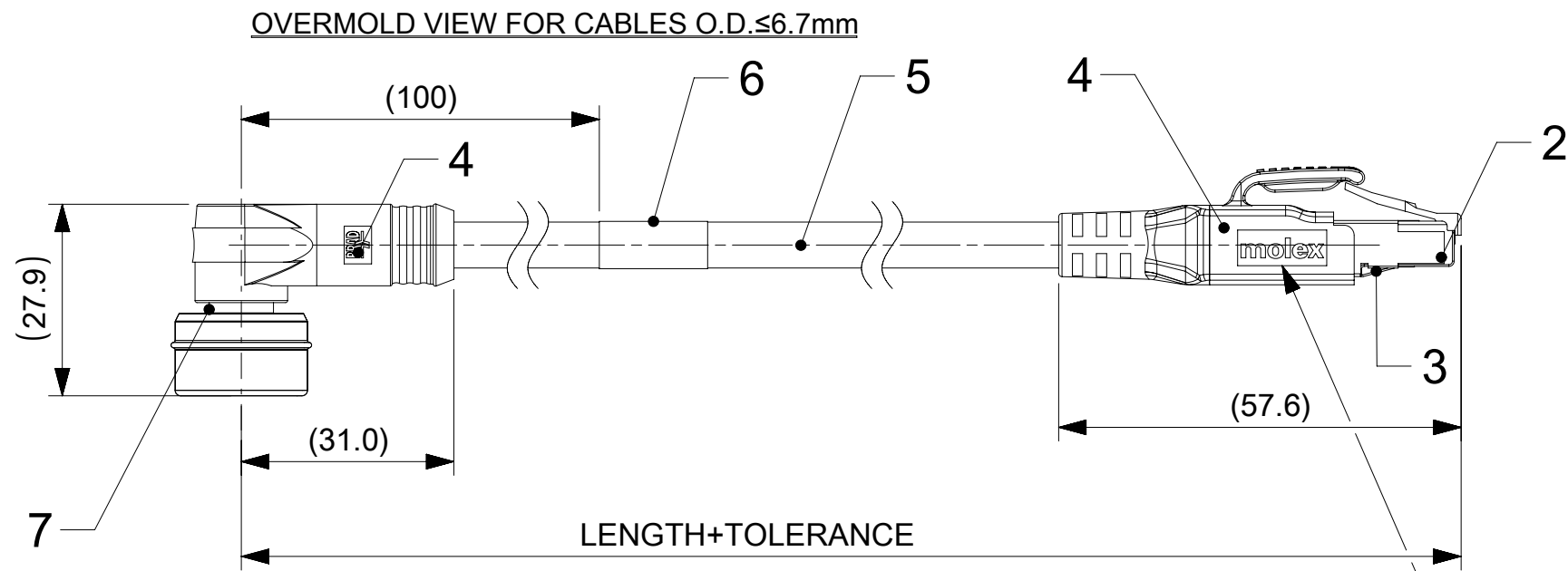
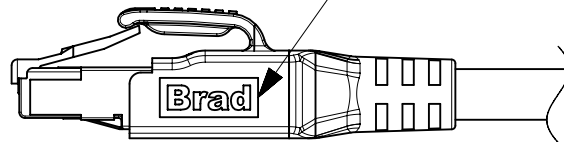


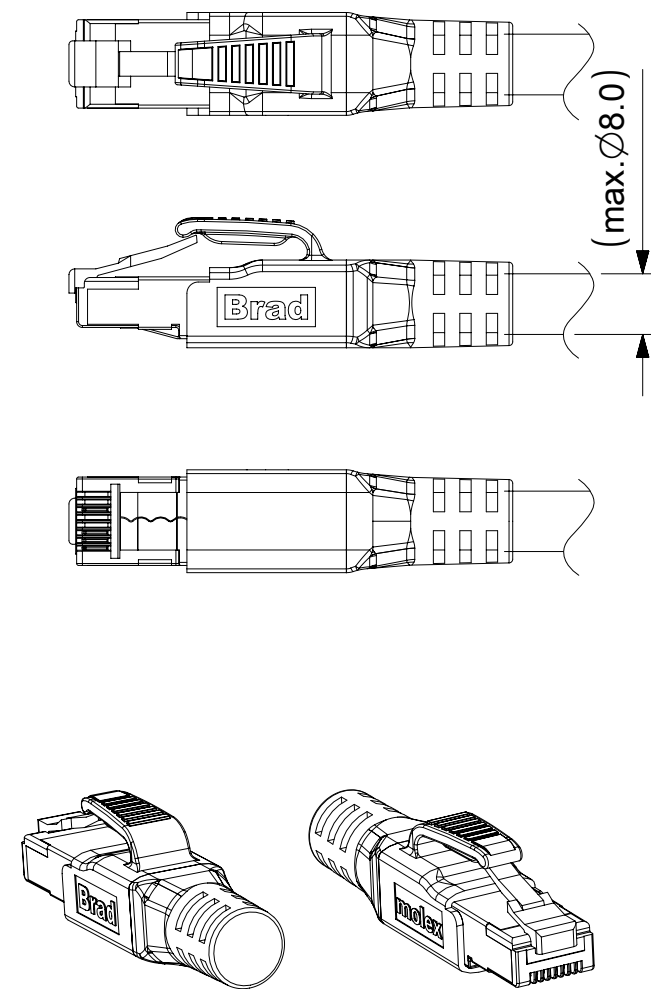
MALE PLUG U12 ANGLED 90° TO PLUG RJ45 STRAIGHT



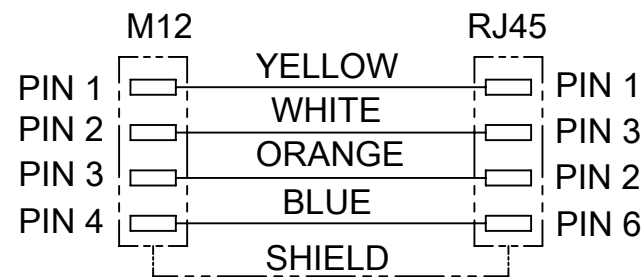
BLACK OVERMOULD
MOLEX LOGO ON ONE SIDE
BRAD LOGO ON OTHER SIDE



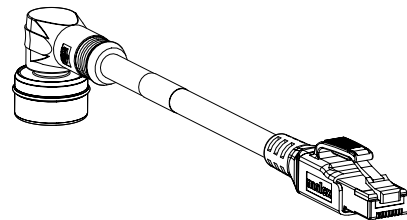
OVERMOLD VIEW FOR CABLES O.D.≥6.7mm



WIRING DIAGRAM



- NOTES:
1. MATERIALS : SEE BOM TABLE
 2. FINISHES: SEE BOM TABLE
 3. ELECTRICAL DATA:
MAX. VOLTAGE RATING 60 VDC
MAX. CURRENT PER CONTACT 1.5 A
 4. ENVIRONMENTAL:
INDEX OF PROTECTION RJ45: IP20
INDEX OF PROTECTION M12: IP67
OPERATING TEMP : -25°C to +85°C



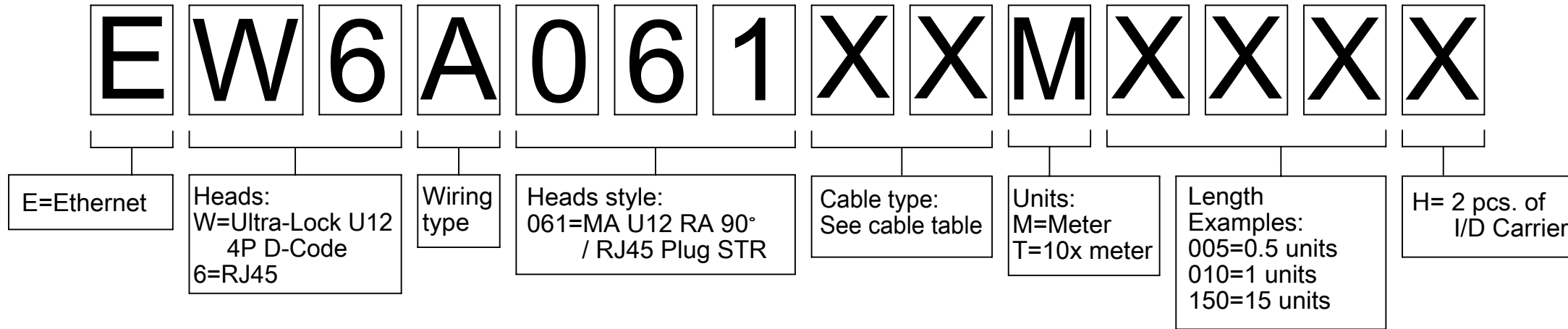
SCALE 1:2

10	4	CONTACTS	BRASS	SELECTIVE GOLD
9	1	ORING GREEN	FPM	---
8	1	INSERT 4P MALE BLACK	TPU	---
7	1	SLEEVE	BRASS	NICKEL
6	1	LABEL	VINYL	---
5	-	CABLE	SEE SHEET 2	---
4	-	OVERMOULDING BLACK	TPU	---
3	1	SHIELD	BRASS	TIN
2	1	PLUG RJ45 TRANSPARENT	POLYCARBONATE	---
1	4	CONTACT RJ45 MALE	PHOSPHOR BRONZE	SELECTIVE GOLD
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH

FUNCTIONAL SYMBOLS </
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NUMERICAL CODE (Available parts see PART LIST table. Other parts available upon request).

OPTIONS



CABLE INFORMATION(for more information see Cable Data Sheet).

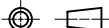
CABLE TYPE	CABLE O.D.	APPLICATION	CROSS SECTION	CABLE JACKET	UL	TEMP. RANGE STATIC BENDING RADIUS STATIC	TEMP. RANGE DYNAMIC BENDING RADIUS DYNAMIC	CYCLES	ADDITIONAL INFORMATION
11	6.8mm	PROFINET TYPE C	22AWG	PUR GREEN	STYLE 20549	-40°C to +80°C / min.5xO.D.	-20°C to +70°C / min.7.5xO.D.	up to 5 Mio	-
12	6.7mm	PROFINET TYPE C	22AWG	TPU BASED GREEN	STYLE 21215	-40°C to +80°C / min.5xO.D.	-25°C to +80°C / min.15xO.D.	about 2M, min.15xO.D., -5°C to +60°C	WSOR
16	6.5mm	-	24AWG	TPU BASED TEAL	STYLE 21215	-40°C to +80°C / min.6xO.D.	-20°C to +50°C	1M, min.10xO.D. / 2M min.20xO.D. @20°C	WSOR
17	8.0mm	PROFINET TYPE B & C	22AWG	TPE GREEN	STYLE 2463	-40°C to +75°C		1M min.10xO.D. / 10M min.20xO.D. @20°C	WSOR

PART LIST

No.	MOLEX P/N	ENGINEERING NO.	CABLE LENGTH
1	1201088224	EW6A06111M020	2m
2	1201088225	EW6A06111M060	6m
3	1201088226	EW6A06111M100	10m
4	1201088227	EW6A06111M150	15m
5	1201088228	EW6A06111M200	20m
6	1201088229	EW6A06111M300	30m
7	1201088230	EW6A06111M400	40m
8	1201088231	EW6A06111M500	50m
9	1201088232	EW6A06111M900	90m
10	1201088233	EW6A06111T100	100m
11	1201088383	EW6A06111M012	1.2m
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			

CABLE LENGTH TOLERANCES

LENGTH	TOLERANCE
0 m-1 m	+40 mm
>1 m-5 m	+60 mm
>5 m-10 m	+80 mm
>10 m-20 m	+140 mm
>20 m-30 m	+160 mm
>30 m	+1% length

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							
	mm		1:1													
	GENERAL TOLERANCES (UNLESS SPECIFIED)															
	ANGULAR TOL ± °															
	4 PLACES		±						EC NO: 695694 DRWN: SSM 2021/10/20 CHK'D: RSILLER 2022/02/15 APPR: RSILLER 2022/02/15 PRODUCT CUSTOMER DRAWING							
	3 PLACES		±													
	2 PLACES		±													
	1 PLACE		±													
	0 PLACES		±													
DIVISIONAL SYMBOLS	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
							A3-SIZE		120108		SEE PART LIST		GENERAL MARKET		2 OF 2	

DOCUMENT STATUS	P1	RELEASE DATE	2022/02/15	13:53:32
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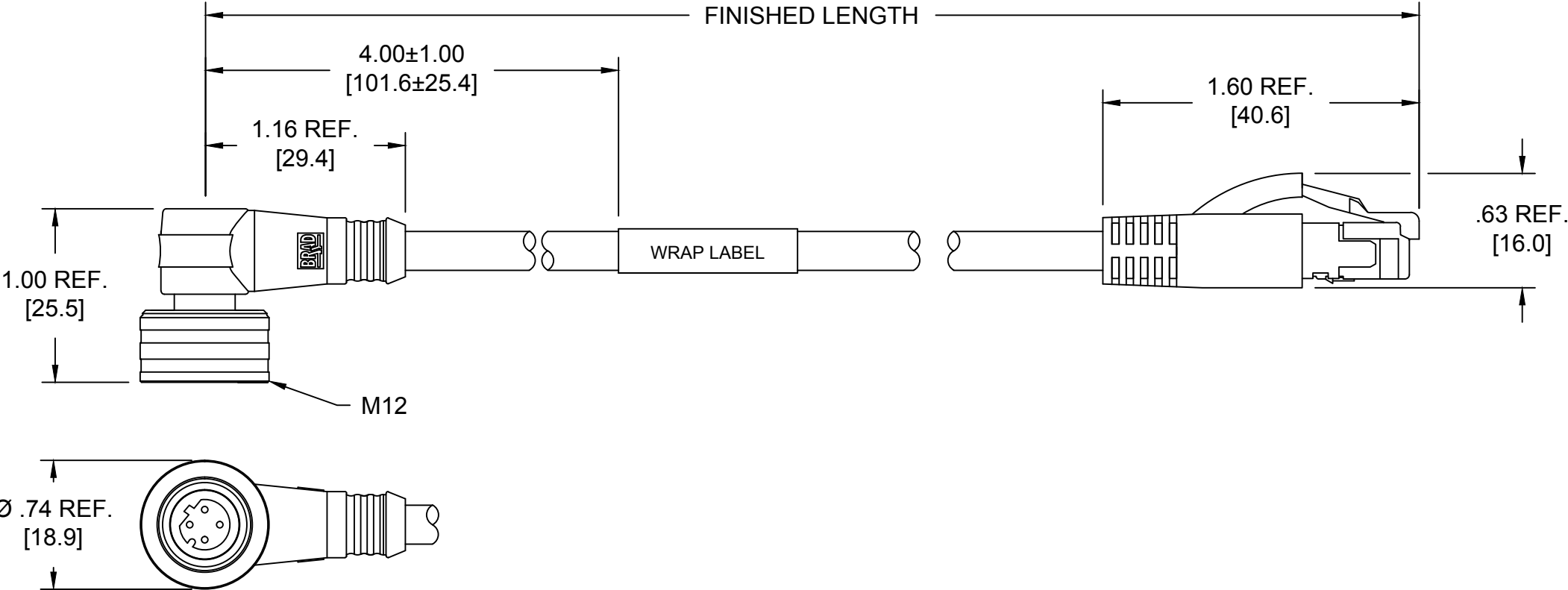
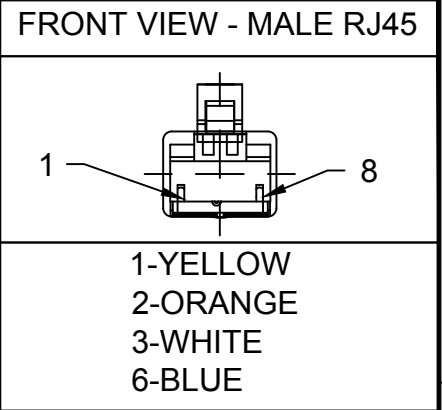
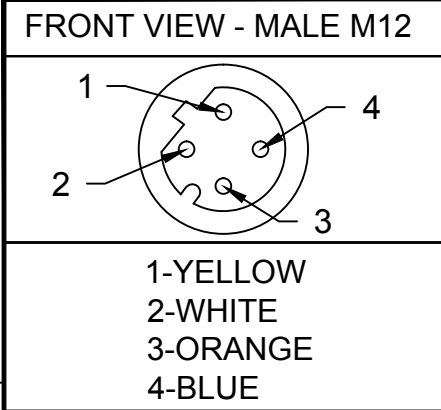
E

D

C

B

A



NOTES:

MECHANICAL
RJ45
PLUG: CLEAR POLYCARBONATE
BOOT: BLACK PVC

M12 CONNECTOR
INSERT: BLACK PUR
CONTACT: GOLD/NICKEL OVER COPPER ALLOY
COUPLING NUT: NICKEL PLATED BRASS
MOLDED BODY: BLACK PUR

CABLE: 22 AWG 4 CONDUCTORS SHIELDED GREEN PUR JACKET
AGENCY LISTED: UL AND CSA
CABLE MARKING: 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

WRAP LABEL: MARKED WITH P/N, DATE CODE, VOLTAGE & AMPERAGE

ELECTRICAL
ACCORDING TO CAT5e
VOLTAGE RATING: 30V AC/DC
AMPERAGE: 1.5A

ADDED PART NO. TABLE EC NO: IPG2015-2010 DRWN: GGUSTAFS 2015/05/27 CHKD: BARDEN 2015/07/23 APPR: BWOODMAN2014/08/02	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
		▽=0 ▽C=0		mm	INCH	DRAWN BY DATE		TITLE MICRO-CHANGE/RJ45 4P M ULOCK 90D TO RJ45 2X2X22AWG GREEN PUR				
			4 PLACES	±---	±---	BARDEN	2013/12/04					
			3 PLACES	±---	±.005	CHECKED BY DATE						
			2 PLACES	±0.13	±.010	TWOLDEGE	2014/04/09					
			1 PLACE	±0.25	±.020	APPROVED BY DATE						
			ANGULAR ±1/2°			JFMURPHY	2014/08/02	molex MOLEX INCORPORATED				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO.		DOCUMENT NO.					SHEET NO.
					SEE TABLE		SD-120108-070					1 OF 2
					SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						
B												

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