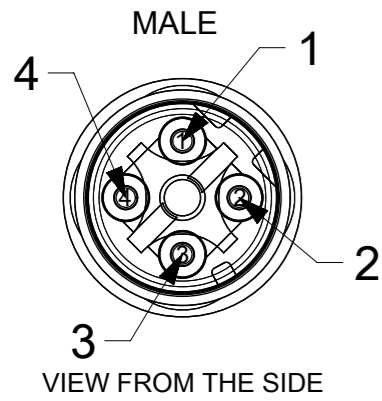


M12 4 POLE

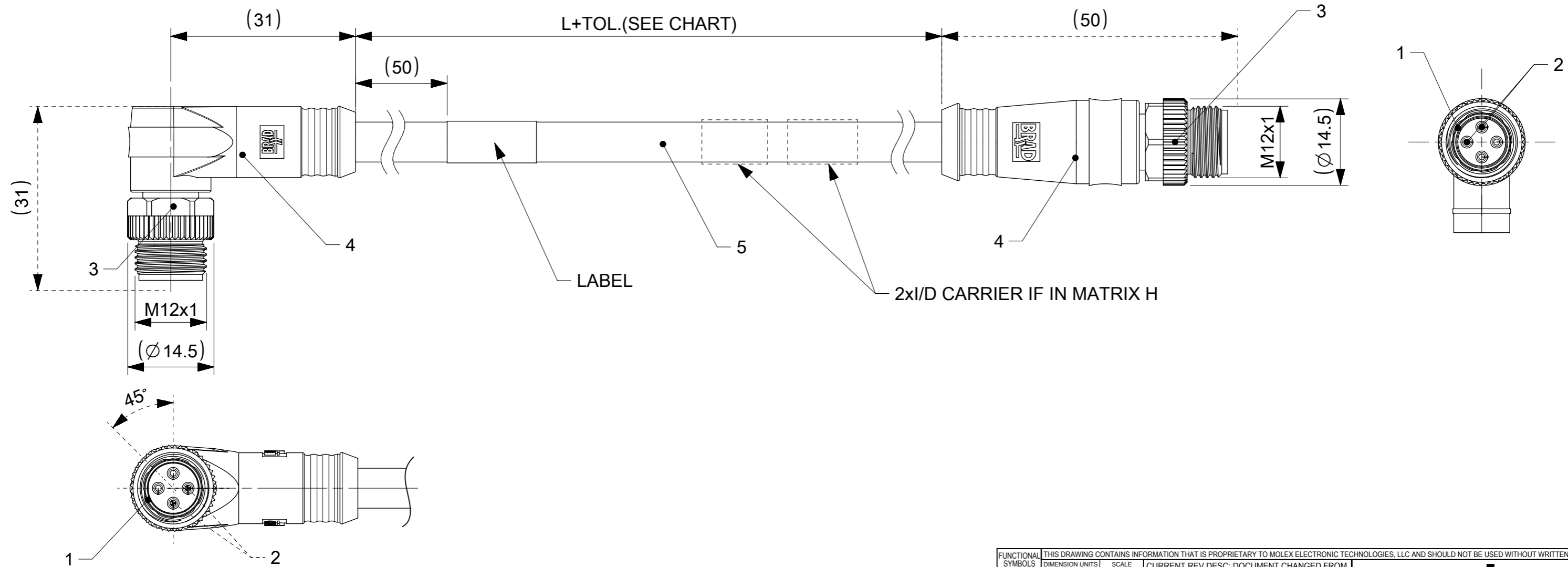


PIN	WIRE COLOR
1	YELLOW
2	WHITE
3	ORANGE
4	BLUE

TABLE OF LENGTH TOLERANCES		
OVER	UP TO AND INCLUDING (mm)	TOLERANCE(mm)
0	1000	+40 0
1000	5000	+60 0
5000	10000	+80 0
10000	20000	+140 0
20000	30000	+160 0
30000	>	+1% OF LENGTH

CONNECTOR SPECIFICATION:	
VOLTAGE RATING	MAX 30V
AMPERAGE RATING	1.5A
PROTECTION	IP67
OPERATING TEMPERATURE	SEE SHEET 2

SHIELD CONNECTED TO THE HOUSING



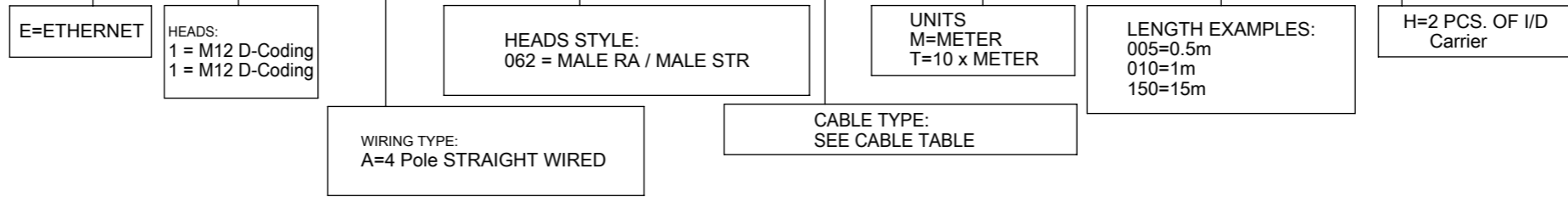
ITEM	DESCRIPTION	MATERIAL	FINISH
1	INSERT	PUR	BLACK
2	PIN CONTACT	COPPER ALLOY	GOLD OR NICKEL PLATED
3	COUPLING NUT MA SW13	BRASS	NICKEL PLATED
4	OVERMOULDING	TPU	BLACK
5	CABLE	TPU	GREEN

DOCUMENT STATUS	P1	RELEASE DATE	2020/07/30	13:26:45
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FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	CURRENT REV DESC: DOCUMENT CHANGED FROM RSD TO SD																							
	<table border="1"> <tr> <th>FUNCTIONAL SYMBOLS</th> <th>DIMENSION UNITS</th> <th>SCALE</th> </tr> <tr> <td>$\nabla_A = 0$</td> <td>mm</td> <td>1.5:1</td> </tr> <tr> <td>$\nabla_E = 0$</td> <td colspan="2">GENERAL TOLERANCES (UNLESS SPECIFIED)</td> </tr> <tr> <td>$\nabla_V = 0$</td> <td colspan="2">ANGULAR TOL $\pm 1.0^\circ$</td> </tr> <tr> <td rowspan="5">DIVISIONAL SYMBOLS</td> <td>4 PLACES</td> <td>\pm</td> </tr> <tr> <td>3 PLACES</td> <td>\pm</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.05</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.3</td> </tr> <tr> <td>0 PLACES</td> <td>± 0.5</td> </tr> </table>	FUNCTIONAL SYMBOLS	DIMENSION UNITS			SCALE	$\nabla_A = 0$	mm	1.5:1	$\nabla_E = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		$\nabla_V = 0$	ANGULAR TOL $\pm 1.0^\circ$		DIVISIONAL SYMBOLS	4 PLACES	\pm	3 PLACES	\pm	2 PLACES	± 0.05	1 PLACE	± 0.3	0 PLACES
FUNCTIONAL SYMBOLS	DIMENSION UNITS	SCALE																							
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	1 PLACE	± 0.3																							
	0 PLACES	± 0.5																							
INITIAL REVISION:		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION																			
DRWN: SSM 2017/12/22 APPR: MIWASIECZKO 2018/01/24		1201088702		PSD	000	A3																			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER																		
			A3-SIZE	120108	SEE TABLE 1	GENERAL MARKET	1 OF 2																		

PART No. MATRIX

E 1 1 A 0 6 2 1 2 M X X X X



CABLE TABLE

CABLE TYPE	WIRE GAUGE	CABLE JACKET	UL	CSA	STATIC	FLEXING	DRAG CHAIN TESTED	OTHER
CAB-12 4P	0.34mm ²	TPU GREEN	STYLE 21215	YES	-40° TO +80°C >15x0.D	-20° TO +60°C >15x0.D	2 MIO CYCLES	WELD SLAG RESISTANCE

TABLE 1

MOLEX PN	ENGINEERNG NO	L(mm)
1201088702	E11A06212M010	1000
1201088703	E11A06212M020	2000
1201088719	E11A06212M015	1500
1201088742	E11A06212M050	5000
1201088743	E11A06212M100	10000

FUNCTIONAL SYMBOLS A = 0 F = 0 E = 0 DIVISIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION DIMENSION UNITS: mm SCALE: 1:1 GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 1.0° 4 PLACES ± 3 PLACES ± 2 PLACES ± 0.05 1 PLACE ± 0.3 0 PLACES ± 0.5 DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	CURRENT REV DESC: DOCUMENT CHANGED FROM RSD TO SD EC NO: 642541 DRWN: FDAFERNER 2020/07/30 CHK'D: RSILLER 2020/07/30 APPR: RSILLER 2020/07/30 INITIAL REVISION: DRWN: SSM 2017/12/22 APPR: MIWASIECZKO 2018/01/24	 CSE M12 ETH 4P DC MA RA MA STR WSOR PRODUCT CUSTOMER DRAWING	
	DOCUMENT NUMBER: 1201088702 DOC TYPE: PSD DOC PART: 000 REVISION: A3	MATERIAL NUMBER: SEE TABLE 1 CUSTOMER: GENERAL MARKET SHEET NUMBER: 2 OF 2		
	THIRD ANGLE PROJECTION 	DRAWING: A3-SIZE SERIES: 120108	CUSTOMER: GENERAL MARKET	SHEET NUMBER: 2 OF 2
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			