

NOTES:

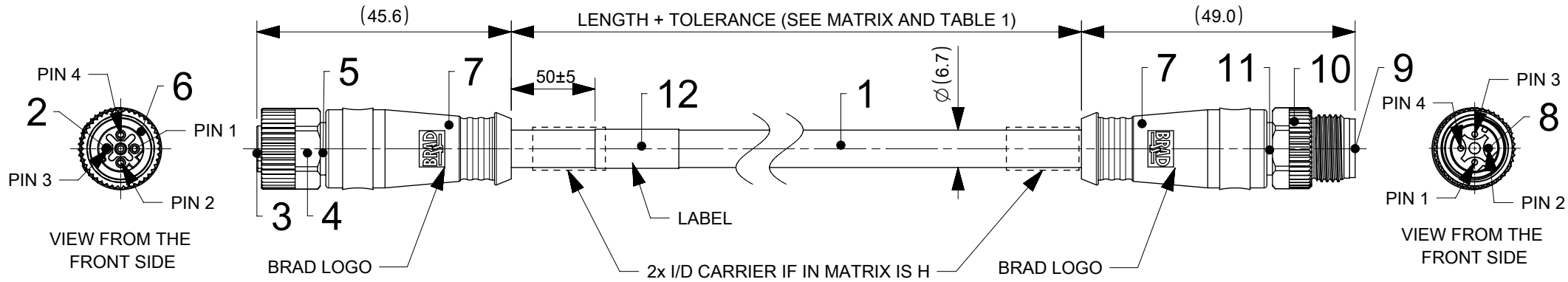
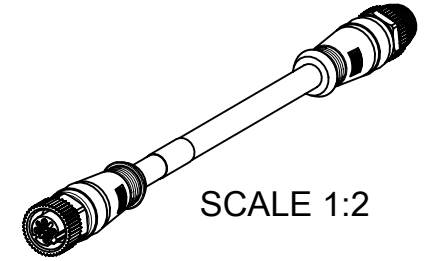
ELECTRICAL DATA:

VOLTAGE RATING: 250 V
 AMPERAGE RATING: 4 A
 INSULATION RESISTANCE: 10⁸ Ω MIN.
 MATING CYCLES: MIN. 100

ENVIRONMENTAL:

PROTECTION: IP 67
 OPERATING TEMPERATURE: -25°C TO +85°C

WIRING DIAGRAM



BILL OF MATERIAL

ITEM	QTY	DESCRIPTION	MATERIAL	FINISH
12	1	LABEL WH	-	-
11	1	SLEEVE MA	BRASS	Ni PLATED
10	1	LOCKING NUT MA	BRASS	Ni PLATED
9	1	INSERT MA 4P DCODE BK	PUR	-
8	4	TERMINAL MA	COPPER ALLOY	Au OVER Ni
7	-	MOLDING MATERIAL BK	TPU	-
6	1	GASKET ORING RD	FPM	-
5	1	SLEEVE FE	BRASS	Ni PLATED
4	1	LOCKING NUT FE	BRASS	Ni PLATED
3	1	INSERT FE 4P DCODE BK	PUR	-
2	4	TERMINAL FE	COPPER ALLOY	Au OVER Ni
1	-	CABLE 2x2x22AWG D6.7 GN	TPU-SPEC	-

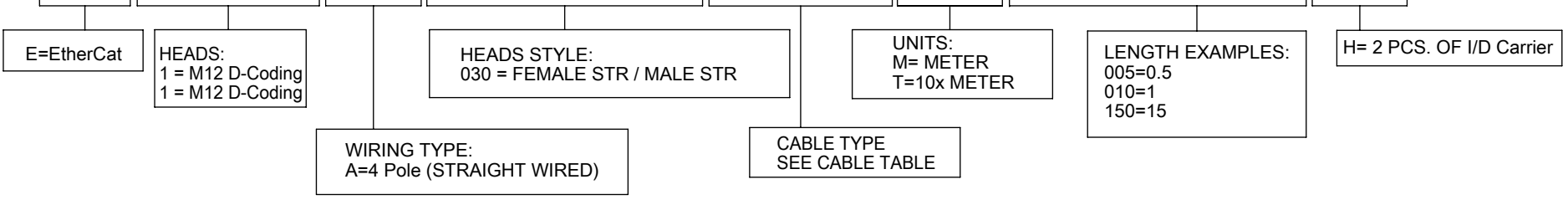
DOCUMENT STATUS	P1	RELEASE DATE	2021/10/14	06:13:10
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THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
SYMBOLS		DIMENSION UNITS		SCALE		CURRENT REV DESC: NEW P/N ADDED			
▽ = 0		mm		1:1		<p>molex</p> <p>CSE M12 4P DCODE MA STR TPU FE STR XM</p> <p>PRODUCT CUSTOMER DRAWING</p> <p>DOCUMENT NUMBER: 1201088381</p> <p>DOC TYPE: PSD</p> <p>DOC PART: 000</p> <p>REVISION: A2</p> <p>MATERIAL NUMBER: SEE TABLE 1</p> <p>CUSTOMER: GENERAL MARKET</p> <p>SHEET NUMBER: 1 OF 2</p>			
∇ = 0		GENERAL TOLERANCES (UNLESS SPECIFIED)							
∇ = 0		ANGULAR TOL ± 1.0°							
∇ = 0		4 PLACES ±							
∇ = 0		3 PLACES ±							
∇ = 0		2 PLACES ± 0.05				EC NO: 681213			
∇ = 0		1 PLACE ± 0.3				DRWN: RSCHIEBER 2021/10/05			
∇ = 0		0 PLACES ± 0.5				CHK'D: RSILLER 2021/10/14			
☒ = 0		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				APPR: RSILLER 2021/10/14			
■ = 0		THIRD ANGLE PROJECTION				INITIAL REVISION:			
▽ = 0		DRAWING		SERIES		DRWN: DSTACHOWIAK 2017/01/24			
		A4-SIZE		120108		APPR: MIWASIECZKO 2017/01/25			

PART NO. MATRIX

E 1 1 A 0 3 0 1 2 M X X X X

OPTIONS



CABLE SPECIFICATION

CABLE TYPE	WIRE GAUGE	CABLE JACKET	UL	CSA	TEMPERATURE RANGE: STATIC	TEMPERATURE RANGE: DYNAMIC	DRAG CHAIN TESTED	SHIELD
12	0.34 mm ²	TPU BASED	STYLE 21215	YES	-40°C TO +80°C	-20°C TO +60°C	2 MIO CYCLES	YES

TABLE 1

MOLEX PN	ENGINEERING NO	LENGTH+TOLERANCE [mm]
1201088381	E11A03012M050	5000+60
1201088382	E11A03012M060	6000+80
1201088503	E11A03012M150	15000+140
1201088524	E11A03012M005	500+40
1201088580	E11A03012M100	10000+80
1201088772	E11A03012M020	2000+60
1201088798	E11A03012M010	1000+40

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: NEW P/N ADDED								
∇ = 0	mm	1:1	EC NO: 681213 DRWN: RSCHIEBER 2021/10/05 CHK'D: RSILLER 2021/10/14 APPR: RSILLER 2021/10/14								
∇ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)									INITIAL REVISION: DRWN: DSTACHOWIAK 2017/01/24 APPR: MIWASIECZKO 2017/01/25	
∇ = 0	ANGULAR TOL ± 1.0°		DOCUMENT NUMBER: 1201088381 DOC TYPE: PSD DOC PART: 000 REVISION: A2								
∇ = 0	4 PLACES ±									MATERIAL NUMBER: SEE TABLE 1 CUSTOMER: GENERAL MARKET SHEET NUMBER: 2 OF 2	
∇ = 0	3 PLACES ±		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING: A4-SIZE		SERIES: 120108		
∇ = 0	2 PLACES ± 0.05										
∇ = 0	1 PLACE ± 0.3		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING: A4-SIZE		SERIES: 120108		
∇ = 0	0 PLACES ± 0.5										
∇ = 0											

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