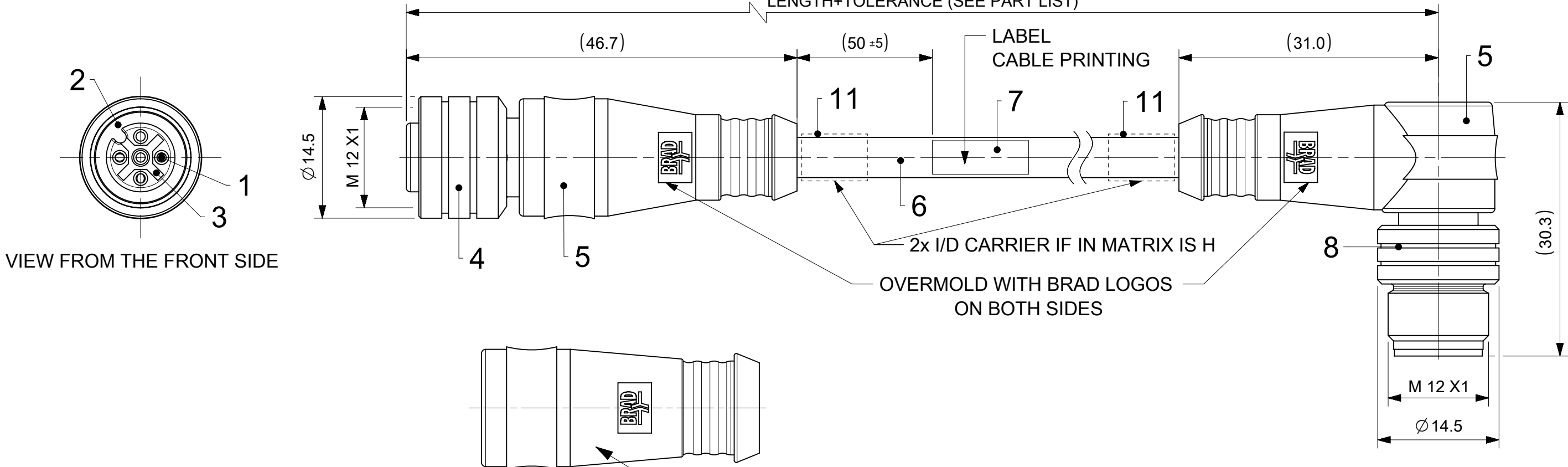


FEMALE PLUG M12 STRAIGHT TO MALE PLUG M12 90° ANGLED

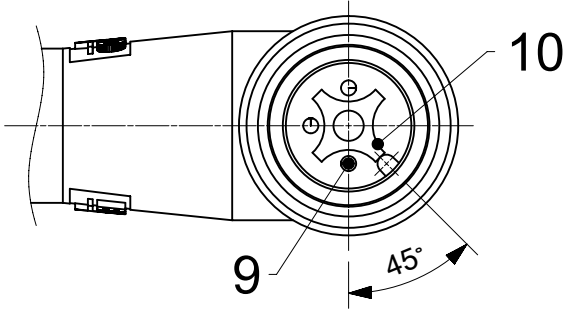
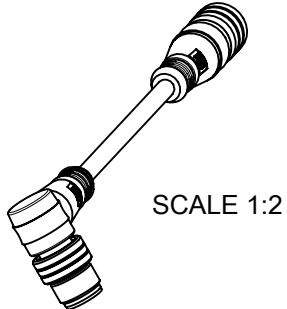


TECHNICAL SPECIFICATION:
CONTACT CURRENT RATING: 3-5 POLES 4A
8 POLES 2A
VOLTAGE RATING: 3-4 POLES 250V
5 POLES 60V DC
8 POLES 30V
PROTECTION CLASS: IP 67
TEMPERATURE: -25°C / +85°C

BILL OF MATERIAL

11	2 (SEE MATRIX)	ID CARRIER	PVC	TRANSPARENT
10	1	INSERT MALE	PUR	BLACK
9	3/4/5/8	CONTACT M12 MALE	BRASS	SELECTIVE GOLD OVER NICKEL
8	1	COUPLING NUT MALE	BRASS	NICKEL
7	1	LABEL	VINYL	YELLOW
6	-	CABLE	SEE MATRIX/ CABLE SPECIFICATION	---
5	-	OVERMOULD	TPU	SEE MATRIX
4	1	COUPLING NUT FEMALE	BRASS	NICKEL
3	1	INSERT FEMALE	PUR	BLACK
2	1	O-RING	FPM	RED
1	3/4/5/8	CONTACT M12 FEMALE	BRASS	SELECTIVE GOLD OVER NICKEL
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH/COLOR

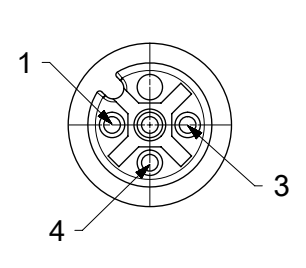
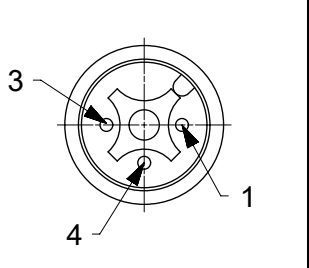
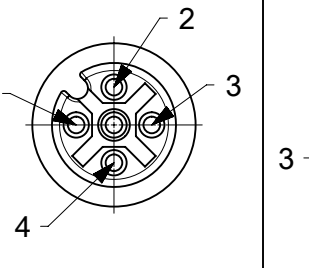
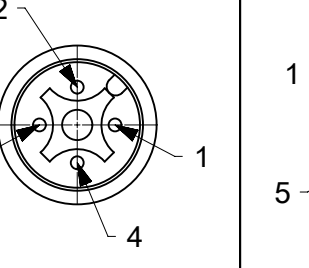
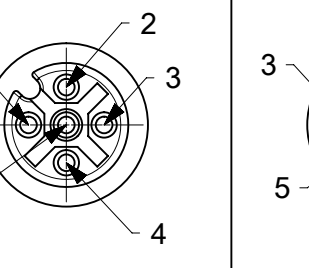
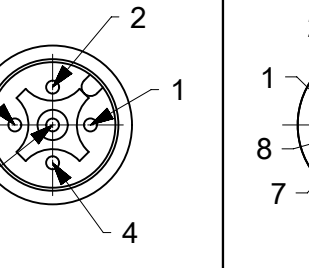
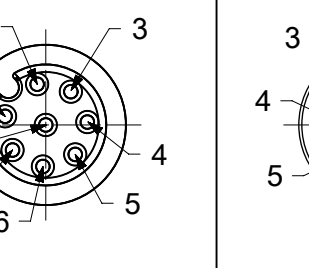
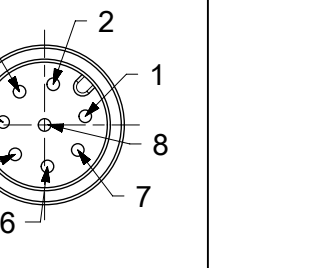
DOCUMENT STATUS	P1	RELEASE DATE	2022/03/07	15:09:32
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VIEW FROM THE FRONT SIDE

FUNCTIONAL SYMBOLS FA = 0 FE = 0 FV = 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 2:1				
	GENERAL TOLERANCES (UNLESS SPECIFIED)					
	ANGULAR TOL ± 1.0°					
4 PLACES ±		EC NO: 698496 DRWN: MDHARMANTI CHK'D: RSILLER APPR: RSILLER 2022/03/07 2022/03/07 2022/03/07	molex CSE M12 XP AC FE STR MA RA XM PRODUCT CUSTOMER DRAWING			
3 PLACES ±						
2 PLACES ± 0.05						
1 PLACE ± 0.3						
0 PLACES ± 0.5		INITIAL REVISION: DRWN: DSOPPIN APPR: RSILLER 2018/09/27 2018/10/22	DOCUMENT NUMBER 1200070026	DOC TYPE PSD	DOC PART 000	REVISION A6
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION A3-SIZE	SERIES 120007	MATERIAL NUMBER SEE PART LIST	CUSTOMER GENERAL MARKET	SHEET NUMBER 1 OF 4

CONTACT POSITION FRONT VIEW:

3 POLES FEMALE		3 POLES MALE		4 POLES FEMALE		4 POLES MALE		5 POLES FEMALE		5 POLES MALE		8 POLES FEMALE		8 POLES MALE	
															
PIN	WIRE	PIN	WIRE	PIN	WIRE	PIN	WIRE	PIN	WIRE	PIN	WIRE	PIN	WIRE	PIN	WIRE
1	BROWN	1	BROWN	1	BROWN	1	BROWN	1	BROWN	1	BROWN	1	WHITE	1	WHITE
2	-	2	-	2	WHITE	2	WHITE	2	WHITE	2	WHITE	2	BROWN	2	BROWN
3	BLUE	3	BLUE	3	BLUE	3	BLUE	3	BLUE	3	BLUE	3	GREEN	3	GREEN
4	BLACK	4	BLACK	4	BLACK	4	BLACK	4	BLACK	4	BLACK	4	YELLOW	4	YELLOW
5	-	5	-	5	-	5	-	5	GREY OR GREEN/YELLOW	5	GREY OR GREEN/YELLOW	5	GREY	5	GREY
CODING REQUIRED TO IEC 61076-2-101				CODING REQUIRED TO IEC 61076-2-101				CODING REQUIRED TO IEC 61076-2-101				6	PINK	6	PINK
								CODING REQUIRED TO IEC 61076-2-101				7	BLUE	7	BLUE
												8	RED	8	RED
												CODING REQUIRED TO IEC 61076-2-101			

FUNCTIONAL SYMBOLS F A = 0 F C = 0 F 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		SCALE		CURRENT REV DESC: ADDED PNS 1200669890 & 1200669891 EC NO: 698496 DRWN: MDHARMANTI2022/03/07 CHK'D: RSILLER2022/03/07 APPR: RSILLER2022/03/07 INITIAL REVISION: DRWN: DSOPPIN2018/09/27 APPR: RSILLER2018/10/22					molex CSE M12 XP AC FE STR MA RA XM					
	mm		1:1												
	GENERAL TOLERANCES (UNLESS SPECIFIED)														
	ANGULAR TOL ± 1.0 °									PRODUCT CUSTOMER DRAWING					
	4 PLACES		±												
	3 PLACES		±		DOCUMENT NUMBER 1200070026					DOC TYPE PSD		DOC PART 000		REVISION A6	
	2 PLACES		± 0.05												
	1 PLACE		± 0.3												
	0 PLACES		± 0.5												
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING A3-SIZE		SERIES 120007		MATERIAL NUMBER SEE PART LIST		CUSTOMER GENERAL MARKET		SHEET NUMBER 3 OF 4	

