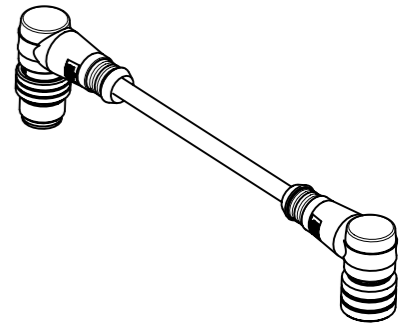
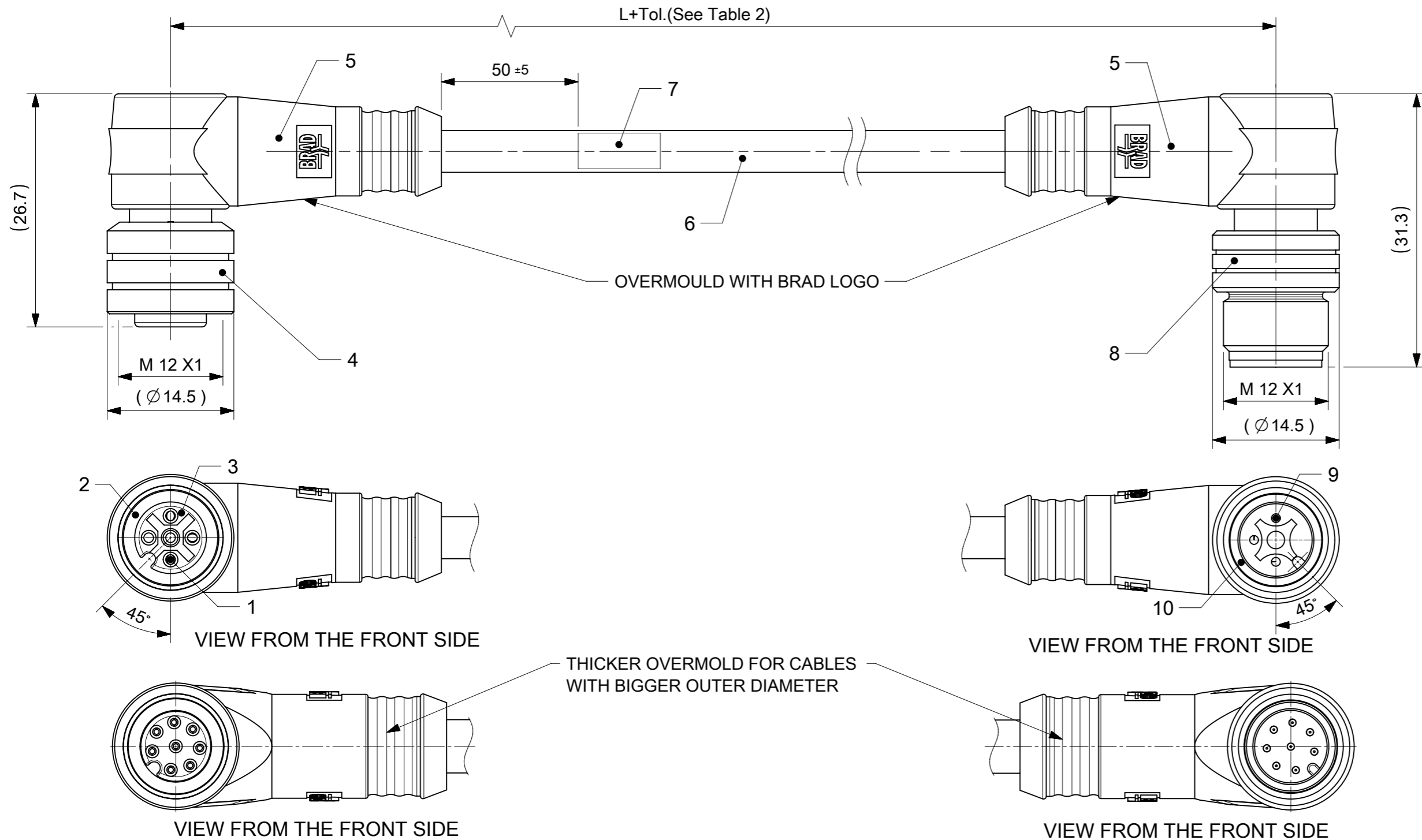


FEMALE PLUG M12 90° ANGLED TO MALE PLUG M12 90° ANGLED



SCALE 1:2

BILL OF MATERIALS

ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH/COLOR
10	1	INSERT MALE	PUR	BLACK
9	3	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	SEE CABLE SPECIFICATION
5	1	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	CONTACT M12 FEMALE	BRASS	SELECTIVE GOLD OVER NICKEL
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH/COLOR

NOTES:

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


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: ADDED NEW PNS	
$\nabla_A = 0$	mm	SCALE	2:1		
$\nabla_E = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)				
$\nabla_F = 0$	ANGULAR TOL ± 1.0°				
DIVISIONAL SYMBOLS					
4 PLACES ±	EC NO: 695290		2021/11/26	CSE M12 XP AC FE RA MA RA XM	
3 PLACES ±	DRWN: MDHARMANTI		2022/02/11	PRODUCT CUSTOMER DRAWING	
2 PLACES ± 0.05	CHK'D: RSILLER		2022/02/11	DOCUMENT NUMBER	
1 PLACE ± 0.3	APPR: RSILLER			1200070187	DOC TYPE DOC PART REVISION
0 PLACES ± 0.5	INITIAL REVISION:			PSD	000 A3
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER
			A3-SIZE	120007	CUSTOMER
					GENERAL MARKET
					SHEET NUMBER
					1 OF 3

PART LIST

MOLEX PN	ENGINEERING PN	LENGTH (mm)
1200070187	883033E03M003	300
1200669514	883033E03M006H	600
1200070190	883033E03M020	2000
1200668685	883033E03M030	3000
1200668668	883033E03M050	5000
1200668398	883033E03M100	10000
1200668539	883033E03M150	15000
1200668253	883033E03M200	20000
1200668351	883033E13M005	500
1200668498	883033H09M010	1000
1200070203	883033I03M006	600
1200070204	883033I03M010	1000
1200070207	883033I03M050	5000
1200070208	883033I03M100	10000
1200071856	883033I03M1005	10000
1200070209	883033I03M150	15000
1200668295	883033P03M003	300
1200070215	883033P03M006	600
1200070216	883033P03M010	1000
1200070217	883033P03M020	2000
1200070817	883033P03M050	5000
1200668178	884033E03M003	300
1200669210	884033E03M0038	300
1200669211	884033E03M0068	600
1200668757	884033E03M008	800
1200070554	884033E03M010	1000
1200668192	884033E03M020	2000
1200072331	884033E03M0201	2000
1200070556	884033E03M030	3000
1200070557	884033E03M050	5000
1200668492	884033H09M010	1000
1200668240	884033H09M020	2000
1200668243	884033H09M050	5000
1200668260	884033I03M010	1000
1200668261	884033I03M020	2000
1200668262	884033I03M0305	3000
1200668263	884033I03M0505	5000
1200668264	884033I03M1005	10000
1200661370	884033K03M006	600
1200661371	884033K03M010	1000
1200661373	884033K03M020	2000
1200661374	884033K03M030	3000
1200661599	884033K03M036	3600

MOLEX PN	ENGINEERING PN	LENGTH (mm)
1200661376	884033K03M050	5000
1200661380	884033K05M005	500
1200661382	884033K05M010	1000
1200661383	884033K05M015	1500
1200661384	884033K05M020	2000
1200071524	884033P03M006	600
1200071523	884033P03M010	1000
1200668275	884033P03M015	1500
1200668332	884033P03M020	2000
1200668179	884033P03M020H	2000
1200668217	884033P03M030	3000
1200668298	884033P03M050	5000
1200669900	884033P03M100	10000
1200665041	884033P82M0037	300
1200071326	884033P82M0067	600
1200071327	884033P82M0107	1000
1200070565	884033S20M010	1000
1200665402	885033E03M010	1000
1200668529	885033E03M010H	1000
1200668675	885033E03M020	2000
1200668676	885033E03M030	3000
1200668677	885033E03M050	5000
1200668678	885033E03M100	10000
1200668499	885033H09M010	1000
1200668679	885033H09M020	2000
1200668680	885033H09M030	3000
1200668681	885033H09M050	5000
1200668682	885033H09M100	10000
1200668871	885033P03C130	130
1200668346	885033P03M003	300
1200668094	885033P03M010	1000
1200073087	885033P03M020	2000
1200072660	885033P03M030	3000
1200073088	885033P03M050	5000
1200072657	885033P03M0755	7500
1200073089	885033P03M100	10000

DOCUMENT STATUS	P1	RELEASE DATE	2022/02/11 06:52:19
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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: ADDED NEW PNS					
	$\nabla_A = 0$ $\nabla_F = 0$ $\nabla_P = 0$	DIMENSION UNITS mm						SCALE 1:1
DIVISIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 695290		CSE M12 XP AC FE RA MA RA XM			
	ANGULAR TOL $\pm 1.0^\circ$		DRWN: MDHARMANTI 2021/11/26					
	4 PLACES \pm		CHK'D: RSILLER 2022/02/11		PRODUCT CUSTOMER DRAWING			
	3 PLACES \pm		APPR: RSILLER 2022/02/11					
	2 PLACES ± 0.05		INITIAL REVISION:		DOCUMENT NUMBER		DOC TYPE	DOC PART
1 PLACE ± 0.3		DRWN: DSOPPIN 2018/09/27		1200070187		PSD	000	A3
0 PLACES ± 0.5		APPR: RSILLER 2018/10/22		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	SEE TABLE	GENERAL MARKET		3 OF 3