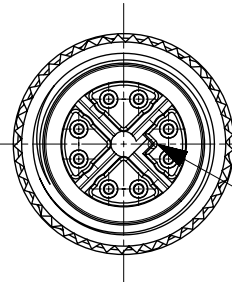
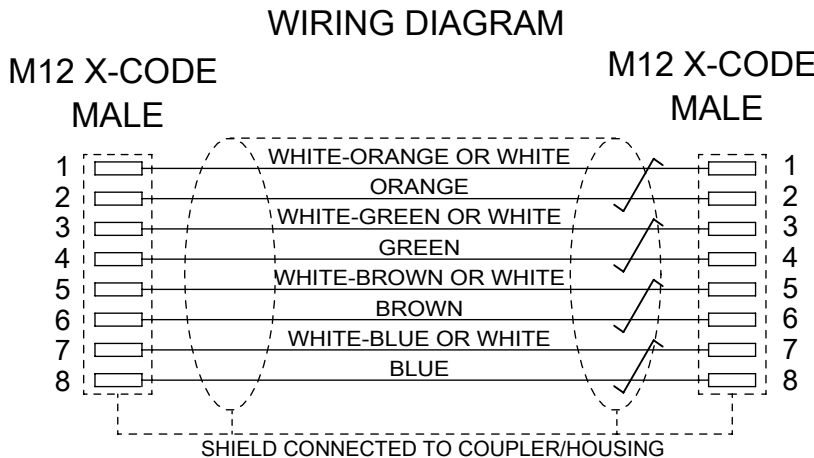
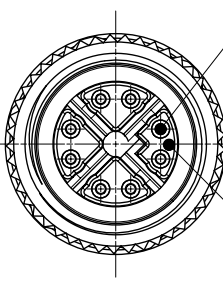


M12 X-CODE
MALE
FRONT VIEW

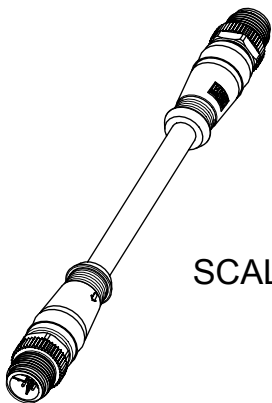
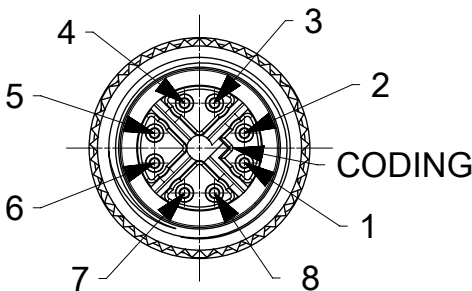


ARROW IN LINE WITH THE CODING
BRAD LOGO ON OTHER SIDE

M12 X-CODE
MALE
FRONT VIEW



M12 X-CODE
MALE
FRONT VIEW



SCALE 1:2

NOTES:

VOLTAGE RATING: 48 V

CURRENT RATING: 0.5 A

TEMPERATURE RATING:

STATIC: -40 °C TO 80 °C

DYNAMIC: -20 °C TO 80 °C

IP RATING: IP 67 (IN MATED AND LOCKED CONDITION)

TRANSMISSION CHARACTERISTICS ACCORDING TO ISO/IEC 11801 CLASS EA CHANNEL,
WITH INSERTION LOSS BEING IGNORED FOR CABLE LENGTHS ≤ 1 m OR ≥ 65 m

POWER TRANSMISSION TEST ACCORDING IEEE802.3bt UP TO 65m LENGTH

PACKAGING: CORDSETS ARE PACKED IN A POLYBAG

BILL OF MATERIAL

ITEM	QTY	DESCRIPTION	MATERIAL	FINISH/COLOR
1	1	CABLE	TPE	TEAL
2	16	CONTACT 6 MALE	BRASS	Au OVER Ni
3	-	MOLDING MATERIAL	TPU	BLACK
4	2	INSERT M12 CAT6A MALE 8P	PA6	BLACK
5	2	SHELL M12 CAT6A	ZINC DIE-CAST	Ni PLATED
6	2	NUT M12 MALE	BRASS	Ni PLATED
7	1	LABEL 2.0X1.75	VINYL	YELLOW

DOCUMENT STATUS	P1	RELEASE DATE	2024/05/15	09:03:53
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FUNCTIONAL SYMBOLS $\nabla/A = 0$ $\nabla/E = 1$ $\nabla/F = 0$ DIVISIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:		molex			
	DIMENSION UNITS	SCALE	GENERAL TOLERANCES (UNLESS SPECIFIED)		CSE M12 CAT6A 8P XC MA STR PUR XM DE			
	mm	2:1	ANGULAR TOL $\pm 1.0^\circ$		PRODUCT CUSTOMER DRAWING			
	4 PLACES	$\pm$	3 PLACES		INITIAL REVISION:			
			2 PLACES		DRWN: MBLOESER 2024/05/15			
			1 PLACE		CHK'D: RSILLER 2024/05/15			
			0 PLACES		APPR: RSILLER 2024/05/15			
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION			
			DRAWING		A3-SIZE			
			SERIES		120341			
			MATERIAL NUMBER		1203411127			
			CUSTOMER		GENERAL MARKET			
			SHEET NUMBER		1 OF 2			

