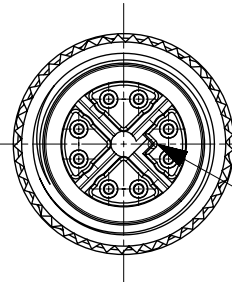
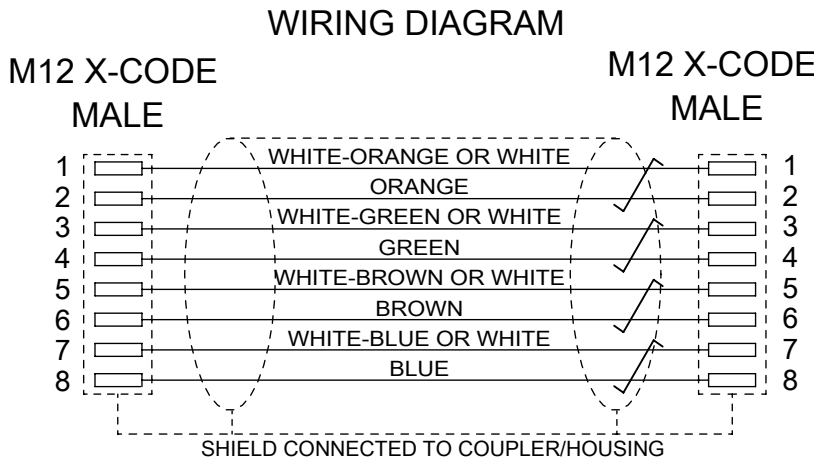
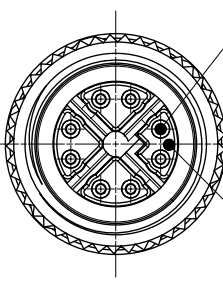


M12 X-CODE
MALE
FRONT VIEW

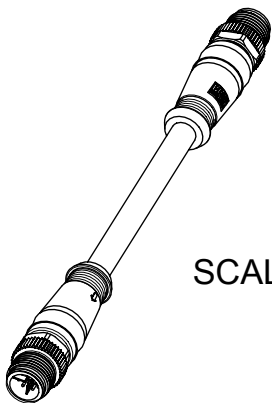
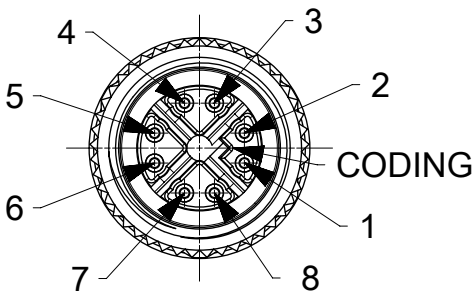


ARROW IN LINE WITH THE CODING
BRAD LOGO ON OTHER SIDE

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	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:			
	DIMENSION UNITS	SCALE				
$\nabla_A = 0$	mm	2:1				
$\nabla_E = 1$	GENERAL TOLERANCES (UNLESS SPECIFIED)					
$\nabla_F = 0$	ANGULAR TOL	$\pm 1.0^\circ$				
DIVISIONAL SYMBOLS	4 PLACES	$\pm$				
	3 PLACES	$\pm$				
	2 PLACES	± 0.05				
	1 PLACE	± 0.3				
	0 PLACES	± 0.5				
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	
				A3-SIZE	120341	
			INITIAL REVISION:		DOCUMENT NUMBER	DOC TYPE
			DRWN: MBLOESER 2022/08/12		1203411127	PSD
			APPR: RSILLER 2022/11/03		000	A4
			MATERIAL NUMBER		SHEET NUMBER	
			SEE TABLE 1		1 OF 2	

