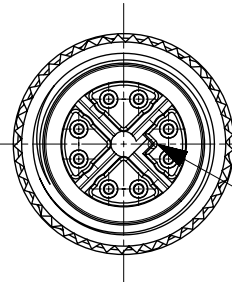


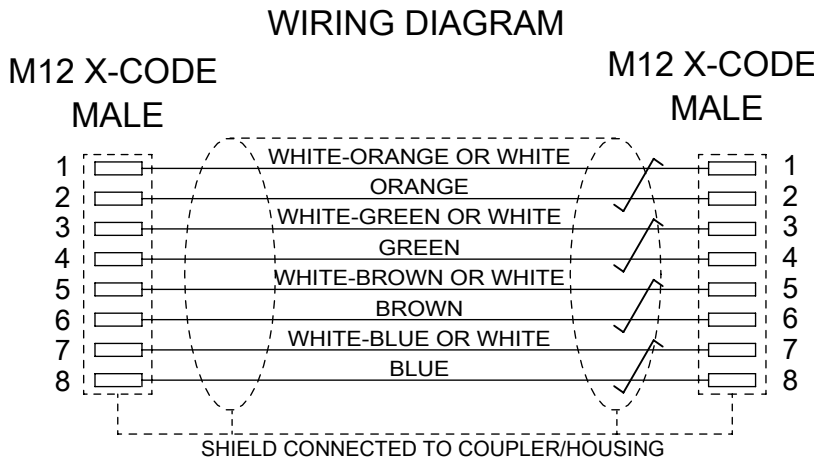
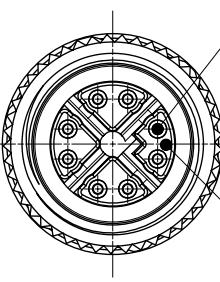
M12 X-CODE
MALE
FRONT VIEW



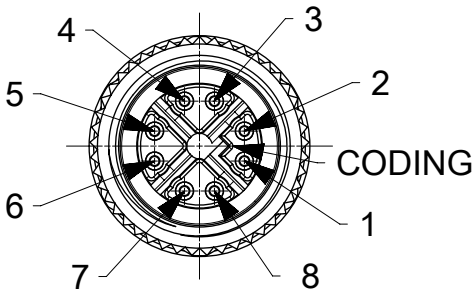
ARROW IN LINE WITH THE CODING
BRAD LOGO ON OTHER SIDE

ID CARRIER ONLY FOR
ENGINEERING NUMBERS
WITH THE SUFFIX "H"

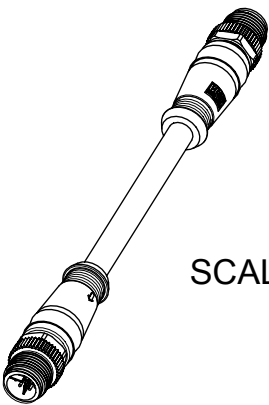
M12 X-CODE
MALE
FRONT VIEW



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	PUR	GREEN
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	2	I/D CARRIER	PVC	TRANSPARENT
8	1	LABEL 2.0X1.75	VINYL	YELLOW

DOCUMENT STATUS	P1	RELEASE DATE	2023/08/29	13:52:05
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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	MATERIAL NUMBER
				A3-SIZE	120341	SEE TABLE 1
					CUSTOMER	SHEET NUMBER
					GENERAL MARKET	1 OF 2

EC NO: 760691	2023/08/21		
DRWN: MBLOESER	2023/08/29		
CHK'D: RSILLER	2023/08/29		
APPR: RSILLER	2023/08/29		
INITIAL REVISION:	2017/06/19		
DRWN: FGAIK	2017/06/19		
APPR: BBRAUCH	2017/06/19		

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1203410300	PSD	000	A10

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE 1	GENERAL MARKET	1 OF 2

