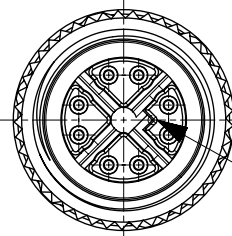


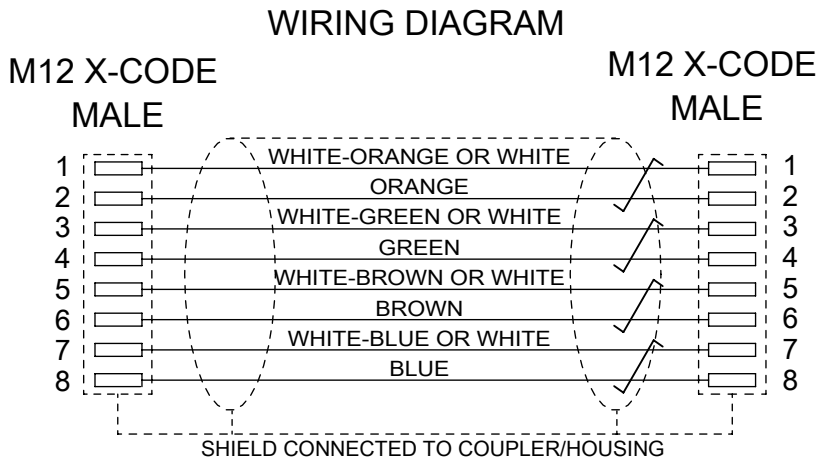
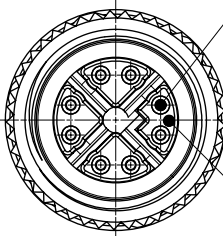
M12 X-CODE
MALE
FRONT VIEW



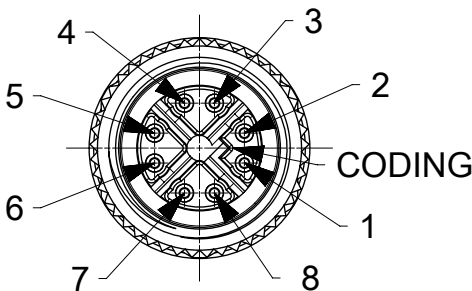
ARROW IN LINE WITH THE CODING
BRAD LOGO ON OTHER SIDE

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

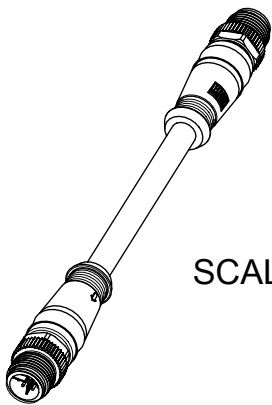
M12 X-CODE
MALE
FRONT VIEW



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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THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																					
FUNCTIONAL SYMBOLS	DIMENSION UNITS		SCALE		CURRENT REV DESC:					molex											
	mm		2:1																		
DIVISIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 760691 DRWN: MBLOESER 2023/08/21 CHK'D: RSILLER 2023/08/29 APPR: RSILLER 2023/08/29									CSE M12 CAT6A 8P XC MA STR PUR XM DE							
	ANGULAR TOL ± 1.0 °																				
	4 PLACES		±		INITIAL REVISION: DRWN: FGAIK 2017/06/19 APPR: BBRAUCH 2017/06/21									DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
	3 PLACES		±											1203410300		PSD		000		A10	
	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		CUSTOMER		SHEET NUMBER						
							A3-SIZE		120341		SEE TABLE 1		GENERAL MARKET		1 OF 2						

