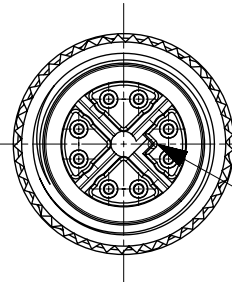


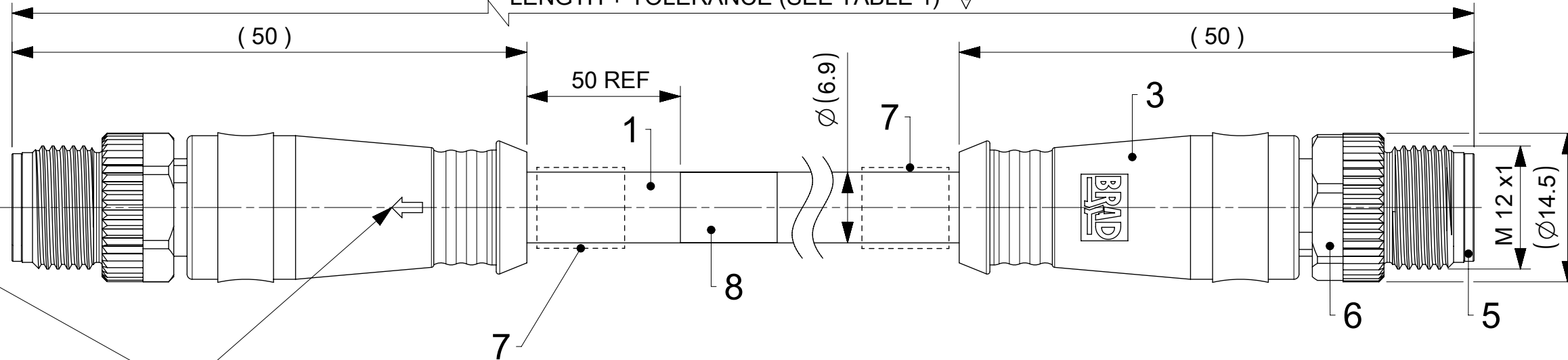
M12 X-CODE
MALE
FRONT VIEW



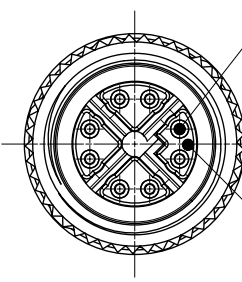
ARROW IN LINE WITH THE CODING
BRAD LOGO ON OTHER SIDE

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

LENGTH + TOLERANCE (SEE TABLE 1)

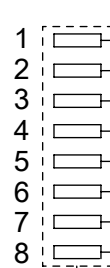


M12 X-CODE
MALE
FRONT VIEW

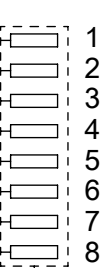


WIRING DIAGRAM

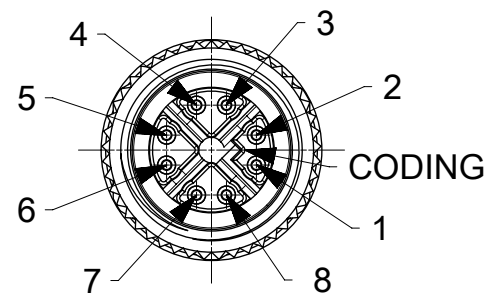
M12 X-CODE
MALE



M12 X-CODE
MALE



M12 X-CODE
MALE
FRONT VIEW

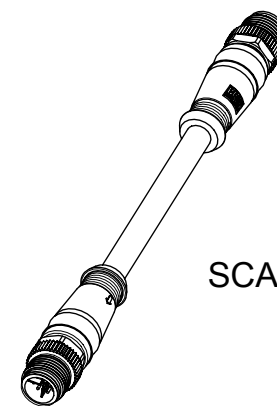


NOTES:
VOLTAGE RATING: 48 V
CURRENT RATING: 0.5 A
TEMPERATURE RATING:
STATIC: -40 °C TO 80 °C
DYNAMIC: -20 °C TO 80 °C
IP RATING: IP 67 (IN MATED AND LOCKED CONDITION)
TRANSMISSION CHARACTERISTICS ACCORDING TO ISO/IEC 11801 CLASS EA CHANNEL,
WITH INSERTION LOSS BEING IGNORED FOR CABLE LENGTHS ≤ 1 m OR ≥ 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



SCALE 1:2

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
	DIMENSION UNITS		SCALE		CURRENT REV DESC:			molex CSE M12 CAT6A 8P XC MA STR PUR XM DE			
F A = 0	mm		2:1								
F E = 1	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 760691 DRWN: MBLOESER2023/08/21 CHK'D: RSILLER2023/08/29 APPR: RSILLER2023/08/29 INITIAL REVISION: DRWN: FGAIK2017/06/19 APPR: BBRAUCH2017/06/21			PRODUCT CUSTOMER DRAWING			
F B = 0	ANGULAR TOL ± 1.0 °										
DIVISIONAL SYMBOLS	4 PLACES		±								
	3 PLACES		±								
	2 PLACES		± 0.05								
	1 PLACE		± 0.3								
DIVISIONAL SYMBOLS	0 PLACES		± 0.5		DOCUMENT NUMBER			DOC TYPE	DOC PART	REVISION	
					1203410300			PSD	000	A10	
		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

