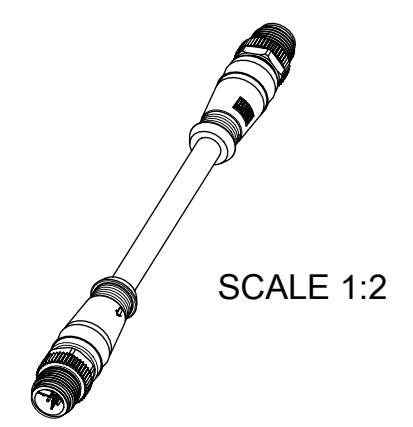
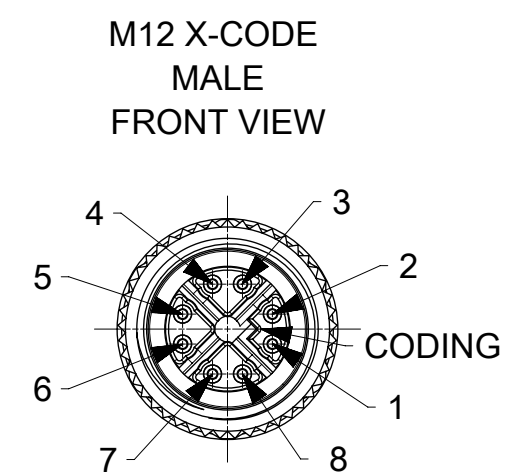
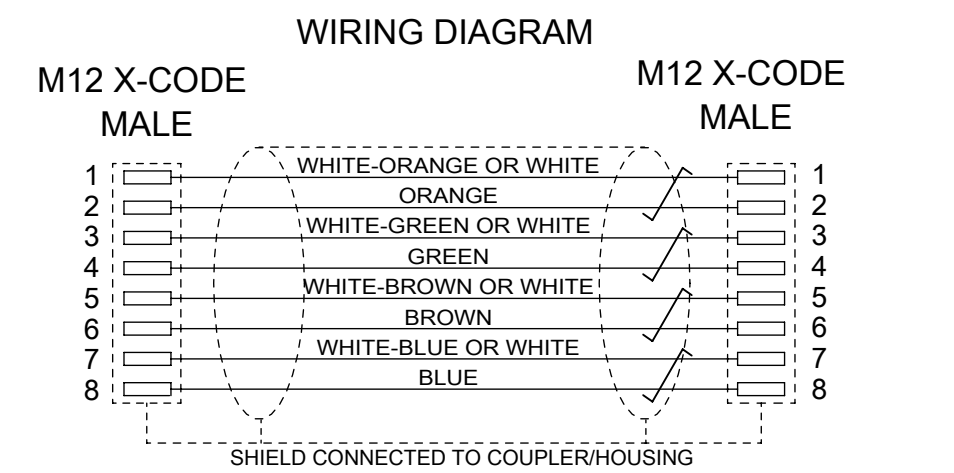
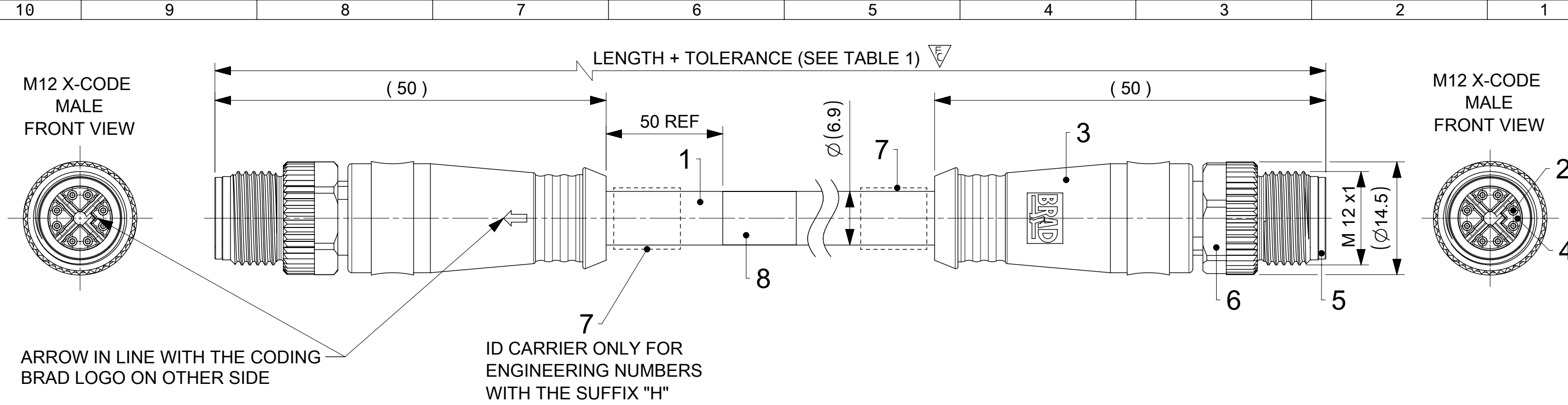




NOTES:
VOLTAGE RATING: 48 V
CURRENT RATING: 0.5 A
TEMPERATURE RATING:
STATIC: -40 °C TO 80 °C
DYNAMIC: -20 °C TO 80 °C
IP RATING: IP 67 (IN MATED AND LOCKED CONDITION)
TRANSMISSION CHARACTERISTICS ACCORDING TO ISO/IEC 11801 CLASS EA CHANNEL,
WITH INSERTION LOSS BEING IGNORED FOR CABLE LENGTHS ≤ 1 m OR ≥ 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:		molex	
	DIMENSION UNITS	SCALE			CSE M12 CAT6A 8P XC MA STR PUR XM DE	
$\nabla A = 0$	mm	2:1				
$\nabla E = 1$	GENERAL TOLERANCES (UNLESS SPECIFIED)					
$\nabla F = 0$	ANGULAR TOL $\pm 1.0^\circ$					
DIVISIONAL SYMBOLS	4 PLACES	$\pm$	EC NO: 760691	2023/08/21		
	3 PLACES	$\pm$	DRWN: MBLOESER	2023/08/29		
	2 PLACES	± 0.05	CHK'D: RSILLER	2023/08/29		
	1 PLACE	± 0.3	APPR: RSILLER	2023/08/29		
	0 PLACES	± 0.5	INITIAL REVISION:			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRWN: FGAIK	2017/06/19	DOCUMENT NUMBER	DOC TYPE
			APPR: BBRAUCH	2017/06/21	1203410300	PSD
					000	A10
					SEE TABLE 1	GENERAL MARKET
						1 OF 2

