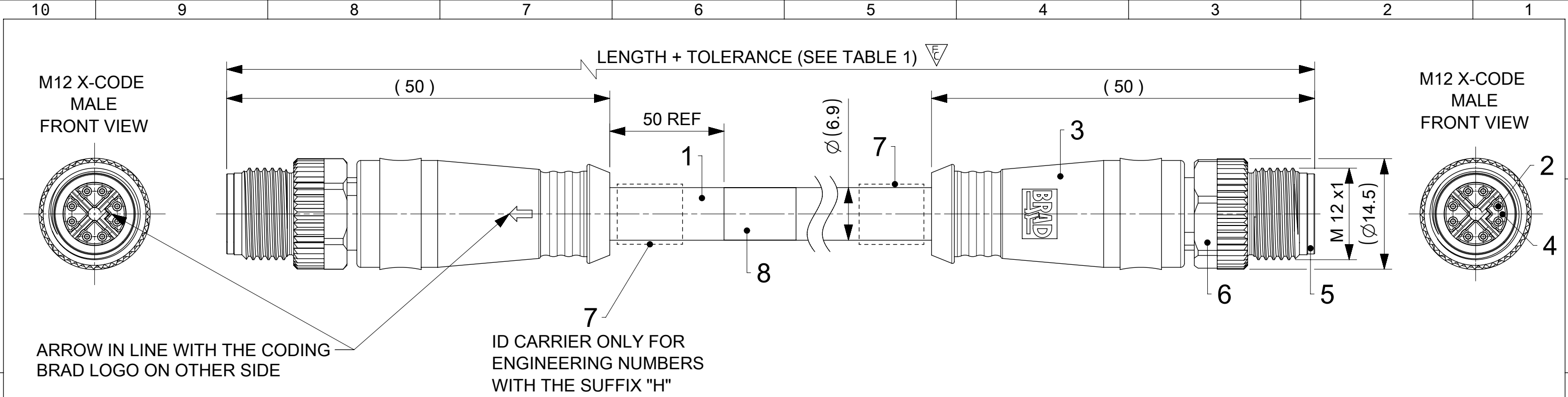


NOTES:

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

SCALE 1:2

BILL OF MATERIAL										THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
ITEM	QTY	DESCRIPTION			MATERIAL		FINISH/COLOR			FUNCTIONAL SYMBOLS ∇_A = 0 ∇_E = 1 ∇_B = 0 DIVISIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SCALE		CURRENT REV DESC:			molex CSE M12 CAT6A 8P XC MA STR PUR XM DE					
1	1	CABLE			PUR		GREEN				DIMENSION UNITS		2:1										
2	16	CONTACT 6 MALE			BRASS		Au OVER Ni				GENERAL TOLERANCES (UNLESS SPECIFIED)												
3	-	MOLDING MATERIAL			TPU		BLACK				ANGULAR TOL ± 1.0 °												
4	2	INSERT M12 CAT6A MALE 8P			PA6		BLACK				4 PLACES ±		EC NO: 760691		2023/08/21								
5	2	SHELL M12 CAT6A			ZINC DIE-CAST		Ni PLATED				3 PLACES ±		DRWN: MBLOESER		2023/08/29								
6	2	NUT M12 MALE			BRASS		Ni PLATED				2 PLACES ± 0.05		CHK'D: RSILLER		2023/08/29								
7	2	I/D CARRIER			PVC		TRANSPARENT				1 PLACE ± 0.3		APPR: RSILLER		2023/08/29								
8	1	LABEL 2.0X1.75			VINYL		YELLOW				0 PLACES ± 0.5		INITIAL REVISION:										
DOCUMENT STATUS										P1		RELEASE DATE		2023/08/29		13:52:05							
FORMAT: msi										3		A3		A3-SIZE		120341		SEE TABLE 1		GENERAL MARKET		1 OF 2	

