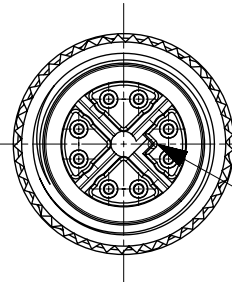


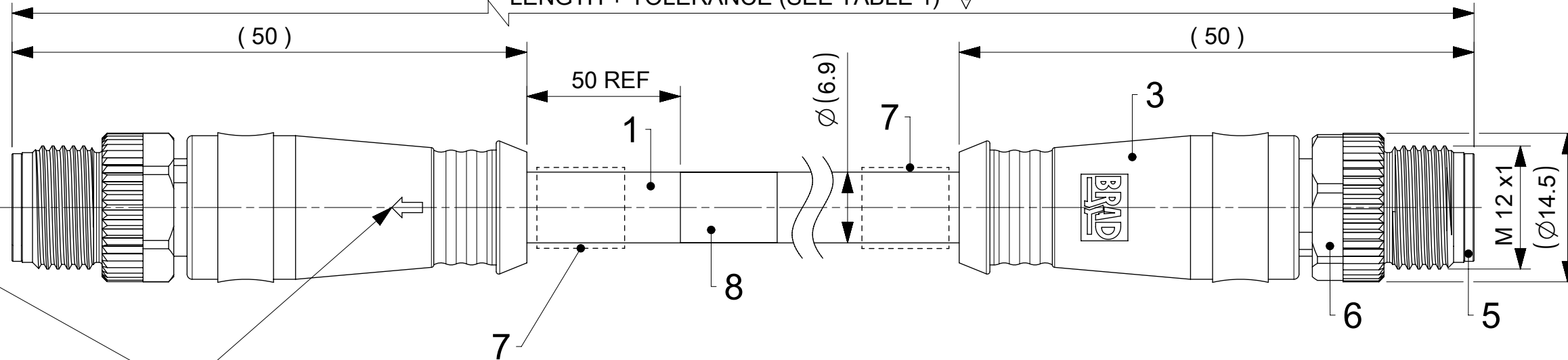
M12 X-CODE
MALE
FRONT VIEW



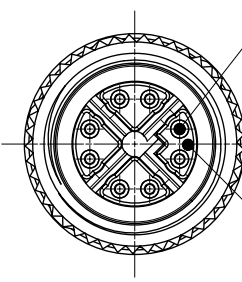
ARROW IN LINE WITH THE CODING
BRAD LOGO ON OTHER SIDE

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

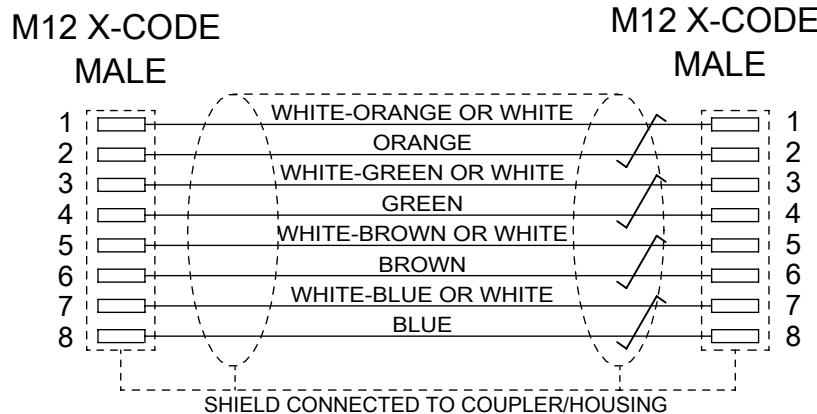
LENGTH + TOLERANCE (SEE TABLE 1)



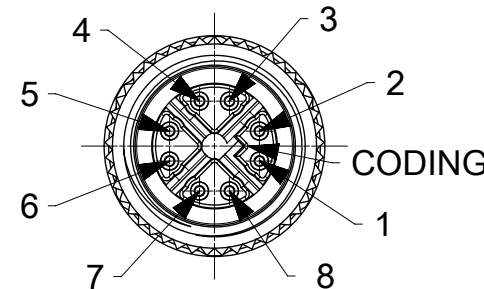
M12 X-CODE
MALE
FRONT VIEW



WIRING DIAGRAM



M12 X-CODE
MALE
FRONT VIEW



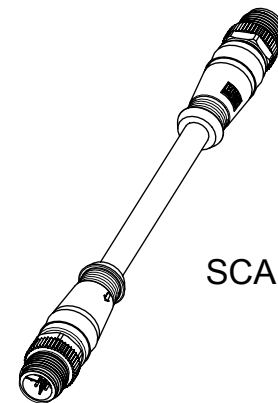
- NOTES:
- VOLTAGE RATING: 48 V
 - CURRENT RATING: 0.5 A
 - TEMPERATURE RATING:
 - STATIC: -40 °C TO 80 °C
 - DYNAMIC: -20 °C TO 80 °C
 - IP RATING: IP 67 (IN MATED AND LOCKED CONDITION)
 - TRANSMISSION CHARACTERISTICS ACCORDING TO ISO/IEC 11801 CLASS EA CHANNEL, WITH INSERTION LOSS BEING IGNORED FOR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

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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



SCALE 1:2

[illegible]