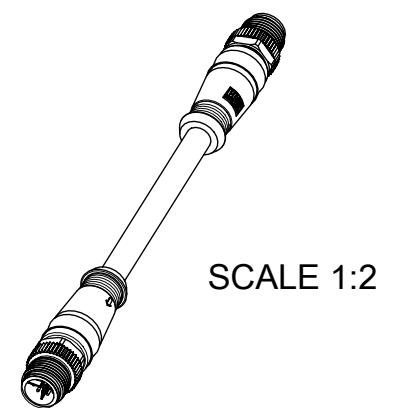
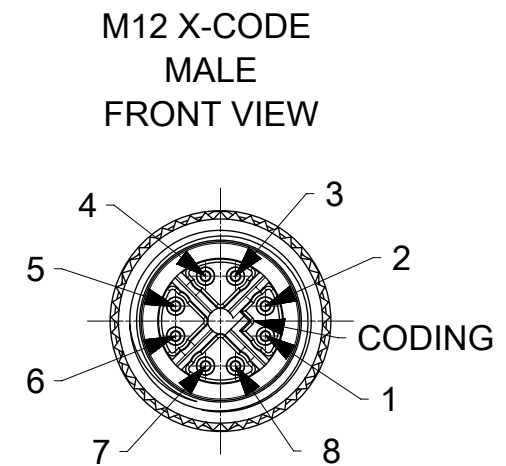
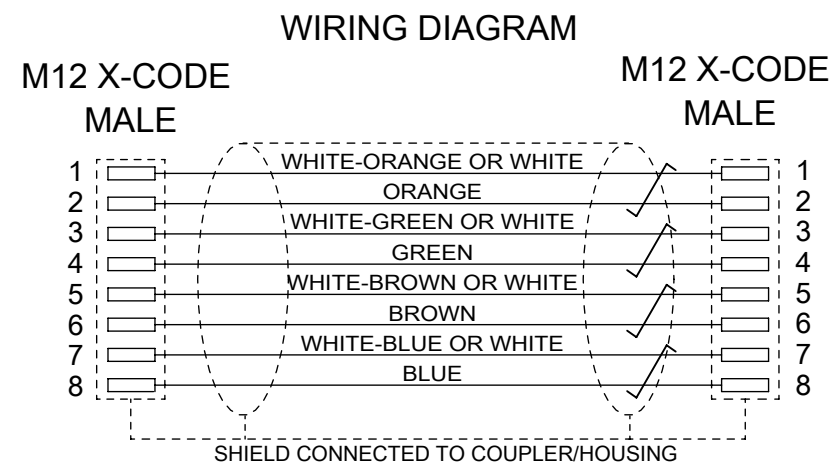
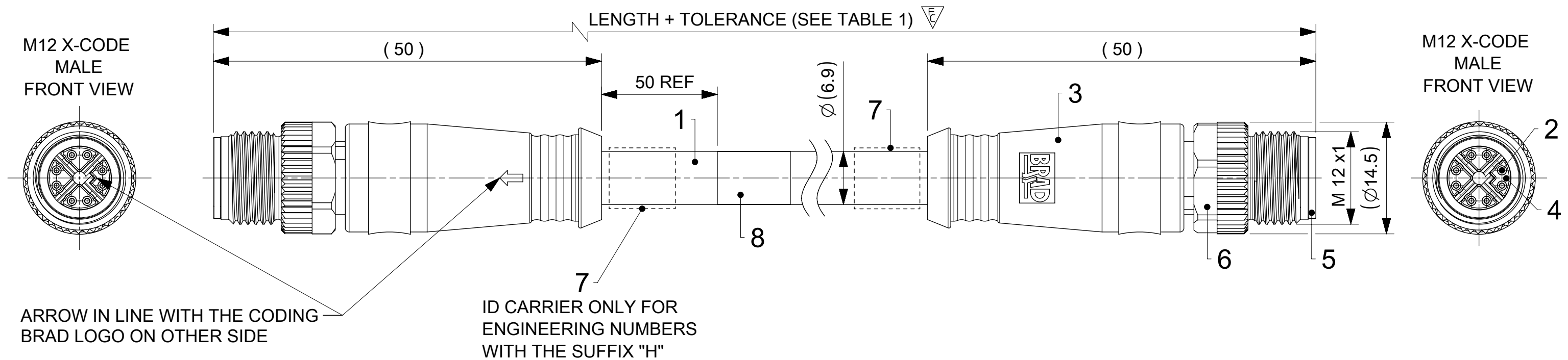




NOTES:

VOLTAGE RATING: 48 V

CURRENT RATING: 0.5 A

TEMPERATURE RATING:

STATIC: -40 °C TO 80 °C

DYNAMIC: -20 °C TO 80 °C

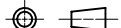
IP RATING: IP 67 (IN MATED AND LOCKED CONDITION)

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

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					
	mm		2:1										
		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			PRODUCT CUSTOMER DRAWING				
	3 PLACES		±										
DIVISIONAL SYMBOLS	2 PLACES		± 0.05		DOCUMENT NUMBER			DOC TYPE		DOC PART		REVISION	
	1 PLACE		± 0.3										
	0 PLACES		± 0.5		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	

10	9	8	7	6	5	4	3	2	1
TABLE 1									
MOLEX PN	ENGINEERING NO.	DESCRIPTION	LENGTH [mm]						
1203410312	E22E06020C250	M12 CAT6A M/M ST/ST PUR GREEN 0.25M	250						
1203410300	E22E06020M005	M12 CAT6A M/M ST/ST PUR GREEN 0.5M	500						
1203410301	E22E06020M010	M12 CAT6A M/M ST/ST PUR GREEN 1M	1000						
1203410313	E22E06020M015	M12 CAT6A M/M ST/ST PUR GREEN 1.5M	1500						
1203410302	E22E06020M020	M12 CAT6A M/M ST/ST PUR GREEN 2M	2000						
1203410303	E22E06020M030	M12 CAT6A M/M ST/ST PUR GREEN 3M	3000						
1203410304	E22E06020M040	M12 CAT6A M/M ST/ST PUR GREEN 4M	4000						
1203410305	E22E06020M050	M12 CAT6A M/M ST/ST PUR GREEN 5M	5000						
1203410859	E22E06020M070	M12 CAT6A M/M ST/ST PUR GREEN 7M	7000						
1203410374	E22E06020M080	M12 CAT6A M/M ST/ST PUR GREEN 8M	8000						
1203410306	E22E06020M100	M12 CAT6A M/M ST/ST PUR GREEN 10M	10000						
1203410375	E22E06020M120	M12 CAT6A M/M ST/ST PUR GREEN 12M	12000						
1203410307	E22E06020M150	M12 CAT6A M/M ST/ST PUR GREEN 15M	15000						
1203410376	E22E06020M180	M12 CAT6A M/M ST/ST PUR GREEN 18M	18000						
1203410308	E22E06020M200	M12 CAT6A M/M ST/ST PUR GREEN 20M	20000						
1203410377	E22E06020M220	M12 CAT6A M/M ST/ST PUR GREEN 22M	22000						
1203410311	E22E06020M250	M12 CAT6A M/M ST/ST PUR GREEN 25M	25000						
1203410309	E22E06020M300	M12 CAT6A M/M ST/ST PUR GREEN 30M	30000						
1203410823	E22E06020M340	M12 CAT6A M/M ST/ST PUR GREEN 34M	34000						
1203410378	E22E06020M350	M12 CAT6A M/M ST/ST PUR GREEN 35M	35000						
1203410310	E22E06020M400	M12 CAT6A M/M ST/ST PUR GREEN 40M	40000						
1203410379	E22E06020M450	M12 CAT6A M/M ST/ST PUR GREEN 45M	45000						
1203410371	E22E06020M500	M12 CAT6A M/M ST/ST PUR GREEN 50M	50000						
1203410380	E22E06020M550	M12 CAT6A M/M ST/ST PUR GREEN 55M	55000						
1203410372	E22E06020M600	M12 CAT6A M/M ST/ST PUR GREEN 60M	60000						
1203410381	E22E06020M650	M12 CAT6A M/M ST/ST PUR GREEN 65M	65000						
1203410373	E22E06020M700	M12 CAT6A M/M ST/ST PUR GREEN 70M	70000						
1203410847	E22E06020M800	M12 CAT6A M/M ST/ST PUR GREEN 80M	80000						
WITH ID CARRIER									
1203410385	E22E06020M005H	M12 CAT6A M/M ST/ST PUR GREEN 0.5M-ID	500						
1203410386	E22E06020M010H	M12 CAT6A M/M ST/ST PUR GREEN 1M-ID	1000						
1203410396	E22E06020M015H	M12 CAT6A M/M ST/ST PUR GREEN 1.5M-ID	1500						
1203410387	E22E06020M020H	M12 CAT6A M/M ST/ST PUR GREEN 2M-ID	2000						
1203410388	E22E06020M030H	M12 CAT6A M/M ST/ST PUR GREEN 3M-ID	3000						
1203410389	E22E06020M040H	M12 CAT6A M/M ST/ST PUR GREEN 4M-ID	4000						
1203410390	E22E06020M050H	M12 CAT6A M/M ST/ST PUR GREEN 5M-ID	5000						
1203410391	E22E06020M100H	M12 CAT6A M/M ST/ST PUR GREEN 10M-ID	10000						
1203410392	E22E06020M150H	M12 CAT6A M/M ST/ST PUR GREEN 15M-ID	15000						
1203410393	E22E06020M200H	M12 CAT6A M/M ST/ST PUR GREEN 20M-ID	20000						
1203410922	E22E06020M250H	M12 CAT6A M/M ST/ST PUR GREEN 25M-ID	25000						
1203410394	E22E06020M300H	M12 CAT6A M/M ST/ST PUR GREEN 30M-ID	30000						
1203410923	E22E06020M350H	M12 CAT6A M/M ST/ST PUR GREEN 35M-ID	35000						
1203410395	E22E06020M400H	M12 CAT6A M/M ST/ST PUR GREEN 40M-ID	40000						
1203410984	E22E06020M450H	M12 CAT6A M/M ST/ST PUR GREEN 45M-ID	45000						
1203410397	E22E06020M500H	M12 CAT6A M/M ST/ST PUR GREEN 50M-ID	50000						
1203410985	E22E06020M550H	M12 CAT6A M/M ST/ST PUR GREEN 55M-ID	55000						
1203410398	E22E06020M600H	M12 CAT6A M/M ST/ST PUR GREEN 60M-ID	60000						
1203410986	E22E06020M650H	M12 CAT6A M/M ST/ST PUR GREEN 65M-ID	65000						
1203410399	E22E06020M700H	M12 CAT6A M/M ST/ST PUR GREEN 70M-ID	70000						
1203410987	E22E06020M750H	M12 CAT6A M/M ST/ST PUR GREEN 75M-ID	75000						
1203410988	E22E06020M850H	M12 CAT6A M/M ST/ST PUR GREEN 85M-ID	85000						
DOCUMENT STATUS				P1	RELEASE DATE	2023/08/29	13:52:05		
0	9	8	7	6	5	4	3	2	1
FORMAT: msa-draw-16-03A3									
REVISION: 1									
DATE: 2020/01/11									

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:											
	= 0	mm	1:1	EC NO: 760691 DRWN: MBLOESER 2023/08/21 CHK'D: RSILLER APPR: RSILLER 2023/08/29 INITIAL REVISION: DRWN: FGAIK 2017/06/19 APPR: BBRAUCH 2017/06/21										
	= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)												
	= 0	ANGULAR TOL ± 1.0 °												
	4 PLACES ±													
	DIVISIONAL SYMBOLS	3 PLACES ±	2023/08/29		PRODUCT CUSTOMER DRAWING			DOCUMENT NUMBER			DOC TYPE	DOC PART	REVISION	
2 PLACES ±		0.05		1203410300			PSD	000	A10					
1 PLACE ±		0.3		120341			SEE TABLE 1			GENERAL MARKET				
0 PLACES ±		0.5		120341			2 OF 2							
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		2 OF 2		

0	9	8	7	6	5	4	3	2	1
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CABLE LENGTH TOLERANCES

LENGTH	TOLERANCE
0 m - 1 m	+40 mm
>1 m - 5 m	+60 mm
>5 m - 10 m	+80 mm
>10 m - 20 m	+140 mm
>20 m - 30 m	+160 mm
>30 m	+1% length

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							
	mm		1:1														
	GENERAL TOLERANCES (UNLESS SPECIFIED)									CSE M12 CAT6A 8P XC MA STR PUR XM DE							
	ANGULAR TOL ± 1.0 °																
	4 PLACES		±		EC NO: 760691 DRWN: MBLOESER 2023/08/21 CHK'D: RSILLER 2023/08/29 APPR: RSILLER 2023/08/29					PRODUCT CUSTOMER DRAWING							
	3 PLACES		±														
	2 PLACES		± 0.05		INITIAL REVISION: DRWN: FGAIK 2017/06/19 APPR: BBRAUCH 2017/06/21					DOCUMENT NUMBER 1203410300		DOC TYPE PSD	DOC PART 000	REVISION A10			
	1 PLACE		± 0.3														
	0 PLACES		± 0.5														
	DIVISIONAL SYMBOLS	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				2 OF 2		