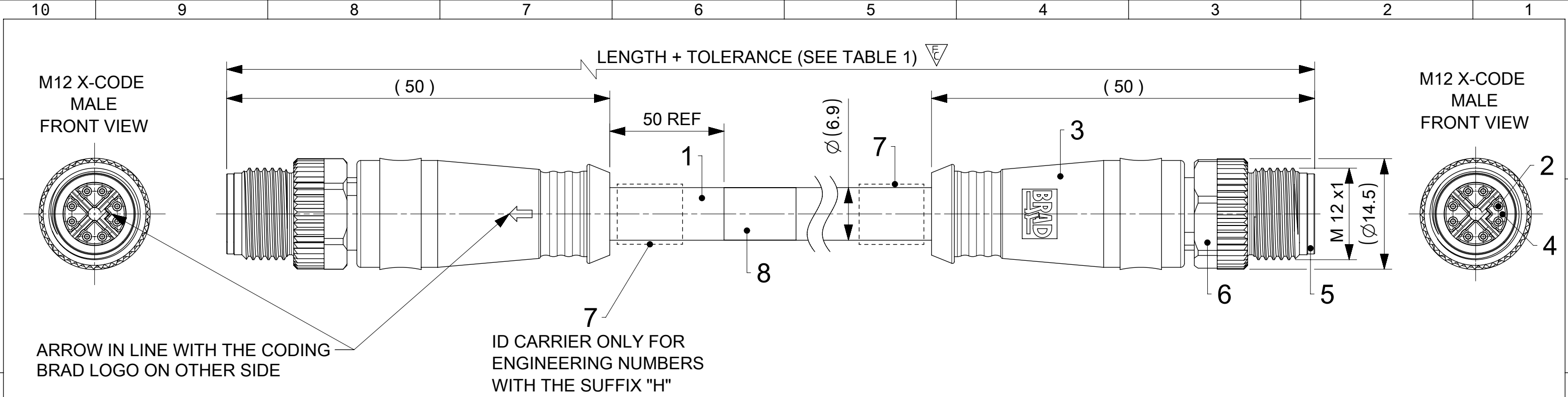


NOTES:

- 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 FA= 0 FE= 1 FB= 0 DIVISIONAL 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 CSE M12 CAT6A 8P XC MA STR PUR XM DE									
1	1	CABLE	PUR	GREEN		DIMENSION UNITS		SCALE											
2	16	CONTACT 6 MALE	BRASS	Au OVER Ni		mm		2:1											
3	-	MOLDING MATERIAL	TPU	BLACK		GENERAL TOLERANCES (UNLESS SPECIFIED)		ANGULAR TOL ± 1.0°		EC NO: 760691 DRWN: MBLOESER 2023/08/21 CHK'D: RSILLER 2023/08/29 APPR: RSILLER 2023/08/29		PRODUCT CUSTOMER DRAWING							
4	2	INSERT M12 CAT6A MALE 8P	PA6	BLACK		4 PLACES ±													
5	2	SHELL M12 CAT6A	ZINC DIE-CAST	Ni PLATED		3 PLACES ±													
6	2	NUT M12 MALE	BRASS	Ni PLATED		2 PLACES ± 0.05		INITIAL REVISION:		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION					
7	2	I/D CARRIER	PVC	TRANSPARENT		1 PLACE ± 0.3		DRWN: FGAIK 2017/06/19		1203410300		PSD	000	A10					
8	1	LABEL 2.0X1.75	VINYL	YELLOW		0 PLACES ± 0.5		APPR: BBRAUCH 2017/06/21											
DOCUMENT STATUS					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER		SHEET NUMBER					
P1									A3-SIZE	120341	SEE TABLE 1	GENERAL MARKET		1 OF 2					

FORMAT: moxdoc-A3

0

0

7

6

5

4

3

2

1

	10	9	8	7	6	5	4	3	2	1
F	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						
E	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						
D	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						
C	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						
B	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						
A	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						
FORMAT: msp341030003A3		9	8	7	6	5	4	3	2	1
REVISION: 1										
DATE: 2020/01/11										

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 ▽^A/_A = 0 ▽^E/_E = 0 ▽^F/_F = 0 DIVISIONAL 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)				EC NO: 760691 DRWN: MBLOESER CHK'D: RSILLER APPR: RSILLER			CSE M12 CAT6A 8P XC MA STR PUR XM DE							
	ANGULAR TOL ± 1.0 °														
	4 PLACES		±												
	3 PLACES		±		2023/08/21 2023/08/29 2023/08/29			PRODUCT CUSTOMER DRAWING							
	2 PLACES		± 0.05												
	1 PLACE		± 0.3												
	0 PLACES		± 0.5		INITIAL REVISION: DRWN: FGAIK APPR: BBRAUCH			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				1203410300				PSD	000	A10					
				THIRD ANGLE PROJECTION				DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						A3-SIZE		120341		SEE TABLE 1		GENERAL MARKET		2 OF 2	