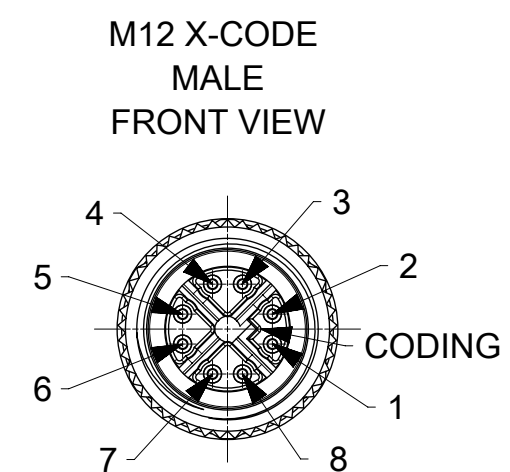
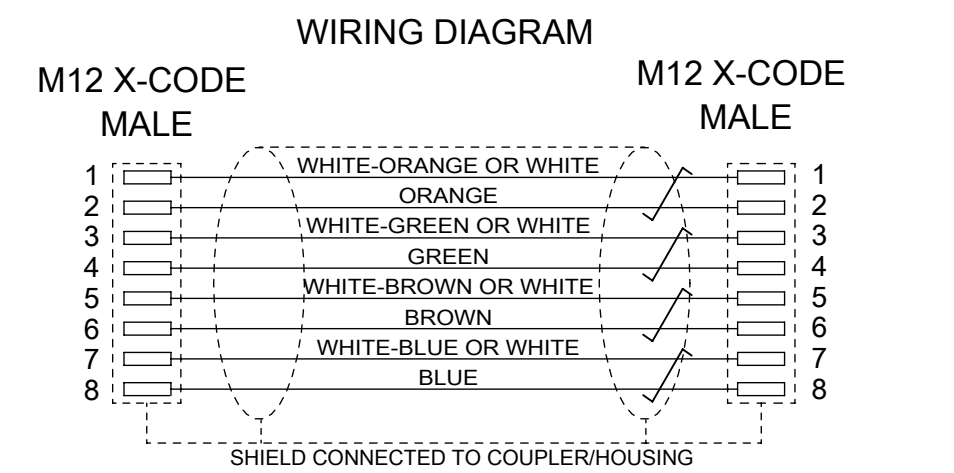
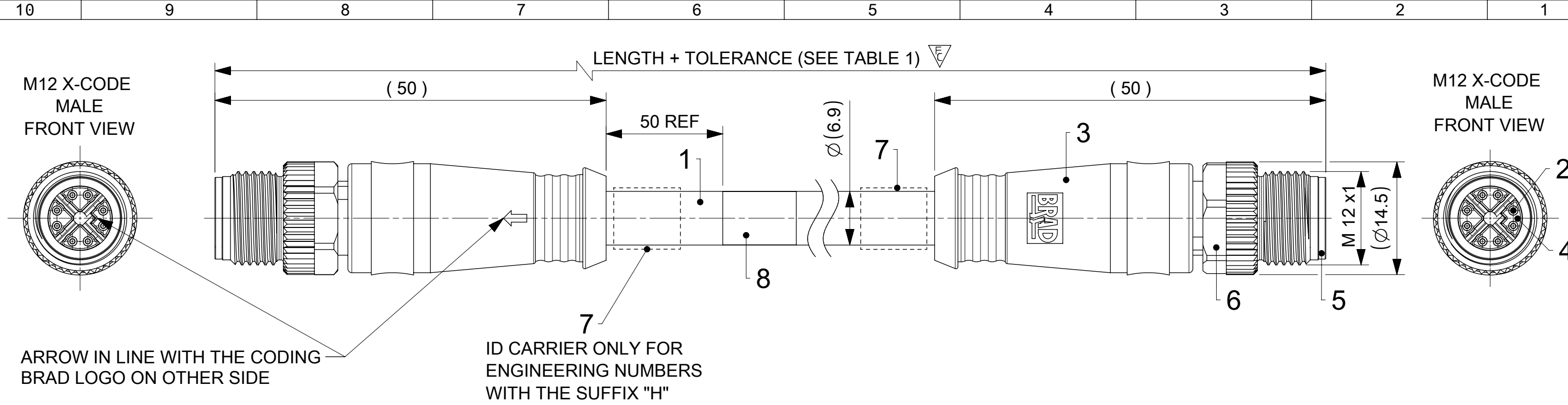
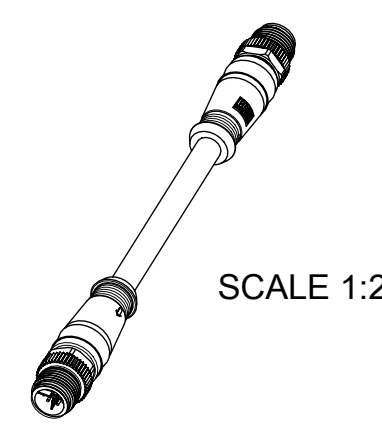




NOTES:
VOLTAGE RATING: 57V
CURRENT RATING: 1A
TEMPERATURE RATING:
STATIC: -40 °C TO 80 °C
DYNAMIC: -20 °C TO 80 °C
IP RATING: IP 67 (IN MATED AND LOCKED CONDITION)
TRANSMISSION CHARACTERISTICS ACCORDING TO ISO/IEC 11801 CLASS EA CHANNEL,
WITH INSERTION LOSS BEING IGNORED FOR CABLE LENGTHS ≤ 1 m OR ≥ 65 m
POWER TRANSMISSION ACCORDING IEEE802.3bt Type 4 Class 6 (60W) UP TO 65m LENGTH
PACKAGING: CORDSETS ARE PACKED IN A POLYBAG



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 FF= 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)		EC NO: 816876		2025/03/25											
4	2	INSERT M12 CAT6A MALE 8P	PA6	BLACK		ANGULAR TOL ± 1.0 °		DRWN: MBLOESER													
5	2	SHELL M12 CAT6A	ZINC DIE-CAST	Ni PLATED		4 PLACES ±		CHK'D: RSILLER		2025/03/26											
6	2	NUT M12 MALE	BRASS	Ni PLATED		3 PLACES ±		APPR: RSILLER		2025/03/26											
7	2	I/D CARRIER	PVC	TRANSPARENT		2 PLACES ± 0.05		INITIAL REVISION:		2025/06/19											
8	1	LABEL 2.0X1.75	VINYL	YELLOW		1 PLACE ± 0.3		DRWN: FGAIK													
DOCUMENT STATUS					A	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
P1										A3-SIZE		120341		1203410300		PSD		000		A12	
RELEASE DATE																					
2025/03/26						09:01:09															

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	2025/03/26	09:01:09		
10	9	8	7	6	5	4	3	2	1

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															
DIVISIONAL SYMBOLS		= 0	DIMENSION UNITS		SCALE		CURRENT REV DESC:										
		= 0	mm		1:1												
		= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)														
	ANGULAR TOL ± 1.0 °																
	4 PLACES		±		EC NO: 816876						2025/03/25						
	3 PLACES		±		DRWN: MBLOESER		2025/03/26										
	2 PLACES		± 0.05		CHK'D: RSILLER		2025/03/26										
	1 PLACE		± 0.3		APPR: RSILLER		2025/03/26										
	0 PLACES		± 0.5		INITIAL REVISION:				PRODUCT CUSTOMER DRAWING								
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION				DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION
						A3-SIZE		120341		1203410300		PSD		000		A12	
										MATERIAL NUMBER		CUSTOMER				SHEET NUMBER	
										SEE TABLE 1		GENERAL MARKET				2 OF 2	

molex

CSE M12 CAT6A 8P XC MA STR PUR XM DE

PRODUCT CUSTOMER DRAWING

1203410300

PSD 000 A12