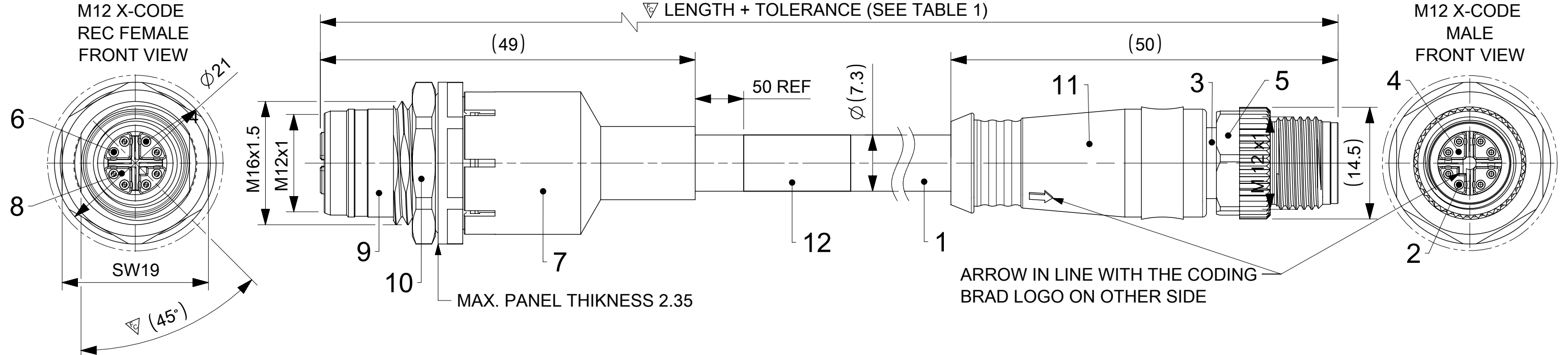


NOTES:

VOLTAGE RATING: 48 V

CURRENT RATING: 0.5 A

TEMPERATURE RATING:

STATIC: -40 °C TO 80 °C

DYNAMIC: -25 °C TO 80 °C

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

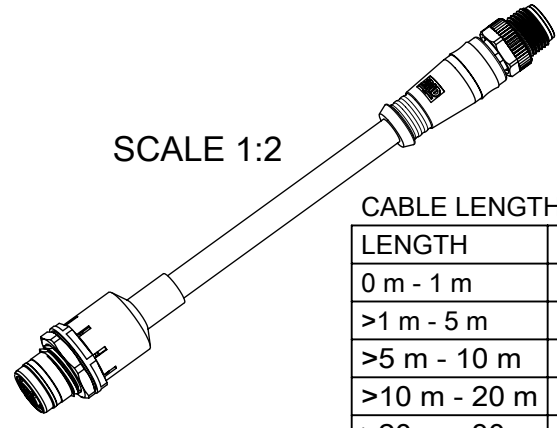
TRANSMISSION CHARACTERISTICS ACCORDING TO ISO/IEC 11801 CLASS E_A CHANNEL,
WITH INSERTION LOSS BEING IGNORED FOR CABLE LENGTHS <1 m OR >65 m

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 4X(2X AWG26/7) CAT 7	TPE	GREEN TEAL SIMILAR RAL6026
2	8	CONTACT M12 XC MA	BRASS	Au PLATED
3	1	SHIELD SLEEVE MA	Zn DIE-CAST	Ni PLATED
4	1	INSERT M12 XC MA	PA	BLACK
5	1	M12 HYBRID COUPLING NUT	BRASS	Ni PLATED
6	8	CONTACT M12 XC FE	BRASS	Au PLATED
7	2	SHIELD SLEEVE FE	Zn	Ni PLATED
8	1	INSERT M12 XC FE	PA	BLACK
9	1	SHELL M12 XC FE	BRASS	Ni PLATED
10	1	LOCKNUT	BRASS	Ni PLATED
11	-	OVERMOLD	TPU	BLACK
12	1	LABEL 2.0X1.75	VINYL	YELLOW
DOCUMENT STATUS P1 RELEASE DATE 2024/03/21 10:35:15				

TABLE 1			
MOLEX P/N	ENGINEERING NO.	DESCRIPTION	LENGTH
1203410885	ERWKEU7021M005	M12 CAT6A REC-F/M XC ST TPE GREEN TEAL SIMILAR RAL6026	500
1203410886	ERWKEU7021M010	M12 CAT6A REC-F/M XC ST TPE GREEN TEAL SIMILAR RAL6026	1000
1203410887	ERWKEU7021M020	M12 CAT6A REC-F/M XC ST TPE GREEN TEAL SIMILAR RAL6026	2000
1203410888	ERWKEU7021M050	M12 CAT6A REC-F/M XC ST TPE GREEN TEAL SIMILAR RAL6026	5000
1203410889	ERWKEU7021M100	M12 CAT6A REC-F/M XC ST TPE GREEN TEAL SIMILAR RAL6026	10000



SCALE 1:2

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

$\nabla A = 0$

$\nabla E = 2$

$\nabla F = 0$

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: CABLE COLOR UPDATED

EC NO: 780754

DRWN: RSCHIEBER

CHK'D: RSILLER

APPR: RSILLER

INITIAL REVISION:

DRWN: RSCHIEBER

APPR: RSILLER

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING

SERIES

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

SCALE

2:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL ± 1.0°

4 PLACES ±

3 PLACES ±

2 PLACES ± 0.05

1 PLACE ± 0.3

0 PLACES ± 0.5

2024/03/20

2024/03/21

2024/03/21

2019/05/14

2021/03/16

A3-SIZE

120341

1203410885

PSD

000

A6

1 OF 1

moLEX

REC M12 CAT6A 8P AC STR TPE MA XM SHLD

PRODUCT CUSTOMER DRAWING