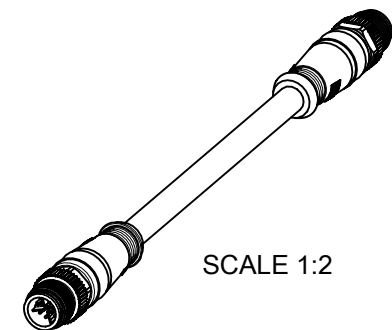
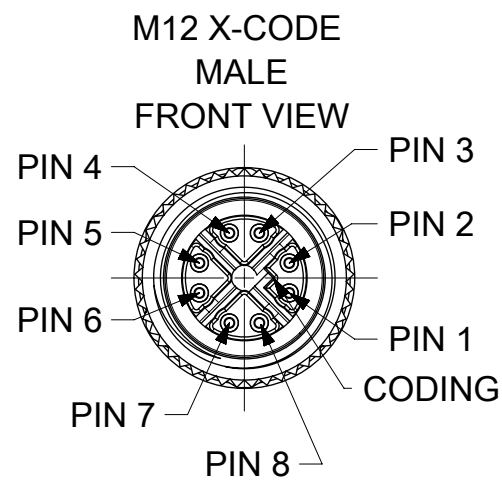
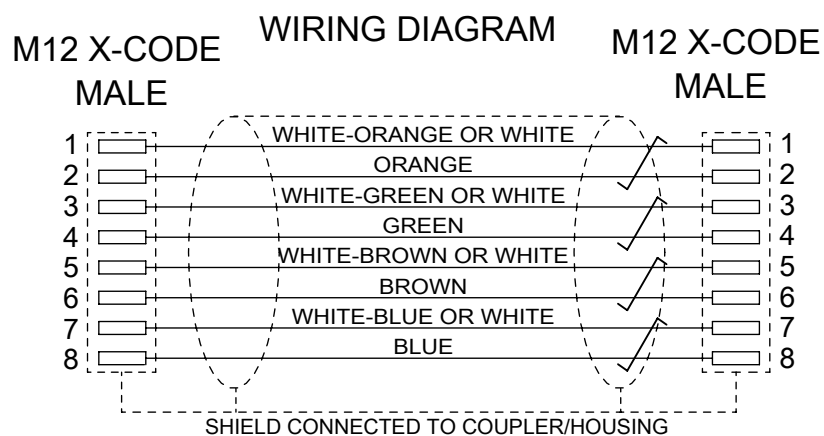
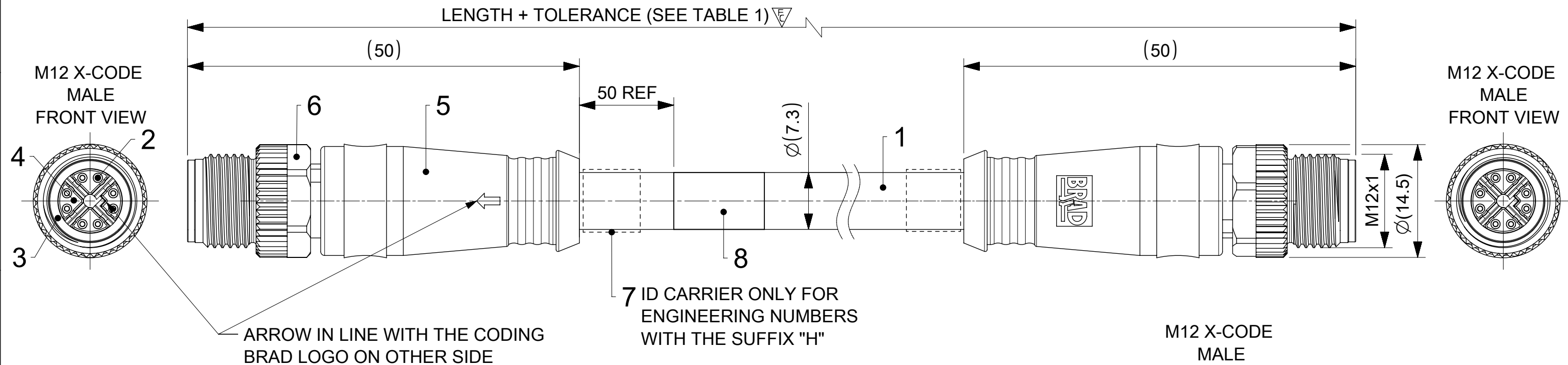
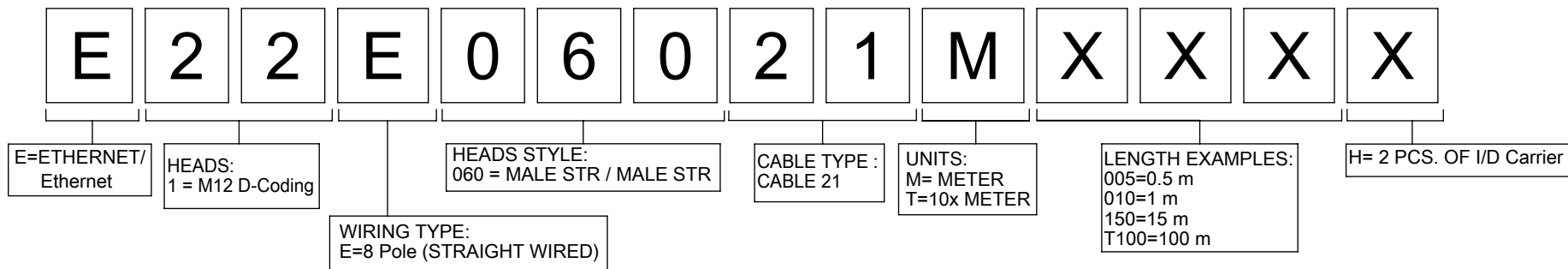


PART No. MATRIX



BILL OF MATERIAL

ITEM	QTY	DESCRIPTION	MATERIAL	FINISH/COLOR
1	1	CABLE 4X(2X AWG26/7) CAT 7	TPE	GREEN TEAL SIMILAR RAL6026
2	16	CONTACT M12 XC MALE	BRASS	Au PLATED
3	2	SHIELD SLEEVE	Zn	Ni PLATED
4	2	INSERT M12 XC MALE	PA	BLACK
5	-	MOULDING MATERIAL	TPU	BLACK
6	2	M12 HYBRID COUPLING NUT	BRASS	Ni PLATED
7	2	I/D CARRIER 6-10mmx30mm	PVC	TRANSPARENT
8	1	LABEL 2.0X1.75	VINYL	YELLOW

DOCUMENT STATUS P1 RELEASE DATE 2024/03/21 10:35:13

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: CABLE COLOR UPDATED			
	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	
				A3-SIZE	120341	
			MATERIAL NUMBER		CUSTOMER	
			SEE TABLE 1		GENERAL MARKET	
			DOCUMENT NUMBER		DOC TYPE	DOC PART
			1203410863		PSD	000
			REVISION		SHEET NUMBER	
			A8		1 OF 2	

10	9	8	7	6	5	4	3	2	1
TABLE 1									
MOLEX P/N	ENGINEERING NO.	DESCRIPTION	LENGTH						
1203410941	E22E06021M003	M12 CAT6A M/M ST/ST TPE GREEN TEAL SIMILAR RAL6026 0.3M	300						
1203410863	E22E06021M005	M12 CAT6A M/M ST/ST TPE GREEN TEAL SIMILAR RAL6026 0.5M	500						
1203410864	E22E06021M010	M12 CAT6A M/M ST/ST TPE GREEN TEAL SIMILAR RAL6026 1M	1000						
1203410865	E22E06021M020	M12 CAT6A M/M ST/ST TPE GREEN TEAL SIMILAR RAL6026 2M	2000						
1203410866	E22E06021M030	M12 CAT6A M/M ST/ST TPE GREEN TEAL SIMILAR RAL6026 3M	3000						
1203410867	E22E06021M040	M12 CAT6A M/M ST/ST TPE GREEN TEAL SIMILAR RAL6026 4M	4000						
1203410868	E22E06021M050	M12 CAT6A M/M ST/ST TPE GREEN TEAL SIMILAR RAL6026 5M	5000						
1203410869	E22E06021M060	M12 CAT6A M/M ST/ST TPE GREEN TEAL SIMILAR RAL6026 6M	6000						
1203410895	E22E06021M070	M12 CAT6A M/M ST/ST TPE GREEN TEAL SIMILAR RAL6026 7M	7000						
1203410870	E22E06021M080	M12 CAT6A M/M ST/ST TPE GREEN TEAL SIMILAR RAL6026 8M	8000						
1203410896	E22E06021M090	M12 CAT6A M/M ST/ST TPE GREEN TEAL SIMILAR RAL6026 9M	9000						
1203410871	E22E06021M100	M12 CAT6A M/M ST/ST TPE GREEN TEAL SIMILAR RAL6026 10M	10000						
1203410942	E22E06021M120	M12 CAT6A M/M ST/ST TPE GREEN TEAL SIMILAR RAL6026 12M	12000						
1203410943	E22E06021M140	M12 CAT6A M/M ST/ST TPE GREEN TEAL SIMILAR RAL6026 14M	14000						
1203410872	E22E06021M150	M12 CAT6A M/M ST/ST TPE GREEN TEAL SIMILAR RAL6026 15M	15000						
1203410944	E22E06021M180	M12 CAT6A M/M ST/ST TPE GREEN TEAL SIMILAR RAL6026 18M	18000						
1203410873	E22E06021M200	M12 CAT6A M/M ST/ST TPE GREEN TEAL SIMILAR RAL6026 20M	20000						
1203410945	E22E06021M230	M12 CAT6A M/M ST/ST TPE GREEN TEAL SIMILAR RAL6026 23M	23000						
1203410946	E22E06021M270	M12 CAT6A M/M ST/ST TPE GREEN TEAL SIMILAR RAL6026 27M	27000						
1203410947	E22E06021M300	M12 CAT6A M/M ST/ST TPE GREEN TEAL SIMILAR RAL6026 30M	30000						
1203410948	E22E06021M340	M12 CAT6A M/M ST/ST TPE GREEN TEAL SIMILAR RAL6026 34M	34000						
1203410949	E22E06021M380	M12 CAT6A M/M ST/ST TPE GREEN TEAL SIMILAR RAL6026 38M	38000						
1203410950	E22E06021M420	M12 CAT6A M/M ST/ST TPE GREEN TEAL SIMILAR RAL6026 42M	42000						
1203410951	E22E06021M460	M12 CAT6A M/M ST/ST TPE GREEN TEAL SIMILAR RAL6026 46M	46000						
1203410952	E22E06021M500	M12 CAT6A M/M ST/ST TPE GREEN TEAL SIMILAR RAL6026 50M	50000						
1203410953	E22E06021M540	M12 CAT6A M/M ST/ST TPE GREEN TEAL SIMILAR RAL6026 54M	54000						
1203410954	E22E06021M570	M12 CAT6A M/M ST/ST TPE GREEN TEAL SIMILAR RAL6026 57M	57000						
1203410955	E22E06021M610	M12 CAT6A M/M ST/ST TPE GREEN TEAL SIMILAR RAL6026 61M	61000						
1203410956	E22E06021M650	M12 CAT6A M/M ST/ST TPE GREEN TEAL SIMILAR RAL6026 65M	65000						
1203410957	E22E06021M700	M12 CAT6A M/M ST/ST TPE GREEN TEAL SIMILAR RAL6026 70M	70000						
1203411133	E22E06021M950	M12 CAT6A M/M ST/ST TPE GREEN TEAL SIMILAR RAL6026 95M	95000						

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 $\leq$ 1 m OR $\geq$ 65 m

PRODUCT POE++ PERFORMANCED TESTED UP TO 65m LENGTH

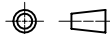
PACKAGING: CORDSETS ARE PACKED IN A POLYBAG

DOCUMENT STATUS	P1	RELEASE DATE	2024/03/21	10:35:13	7	6	5	4	3	2	1
-----------------	----	--------------	------------	----------	---	---	---	---	---	---	---

TABLE 1									
WITH ID CARRIER									
MOLEX P/N	ENGINEERING NO.	DESCRIPTION	LENGTH						
1203410999	E22E06021M005H	M12 CAT6A M/M ST/ST TPE GREEN TEAL SIMILAR RAL6026 0.5M-ID	500						
1203411031	E22E06021M010H	M12 CAT6A M/M ST/ST TPE GREEN TEAL SIMILAR RAL6026 1M-ID	1000						
1203411032	E22E06021M020H	M12 CAT6A M/M ST/ST TPE GREEN TEAL SIMILAR RAL6026 2M-ID	2000						
1203411033	E22E06021M030H	M12 CAT6A M/M ST/ST TPE GREEN TEAL SIMILAR RAL6026 3M-ID	3000						
1203411034	E22E06021M040H	M12 CAT6A M/M ST/ST TPE GREEN TEAL SIMILAR RAL6026 4M-ID	4000						
1203411003	E22E06021M050H	M12 CAT6A M/M ST/ST TPE GREEN TEAL SIMILAR RAL6026 5M-ID	5000						
1203411092	E22E06021M060H	M12 CAT6A M/M ST/ST TPE GREEN TEAL SIMILAR RAL6026 6M-ID	6000						
1203411093	E22E06021M070H	M12 CAT6A M/M ST/ST TPE GREEN TEAL SIMILAR RAL6026 7M-ID	7000						
1203411094	E22E06021M080H	M12 CAT6A M/M ST/ST TPE GREEN TEAL SIMILAR RAL6026 8M-ID	8000						
1203411000	E22E06021M100H	M12 CAT6A M/M ST/ST TPE GREEN TEAL SIMILAR RAL6026 10M-ID	10000						
1203411035	E22E06021M120H	M12 CAT6A M/M ST/ST TPE GREEN TEAL SIMILAR RAL6026 12M-ID	12000						
1203411036	E22E06021M150H	M12 CAT6A M/M ST/ST TPE GREEN TEAL SIMILAR RAL6026 15M-ID	15000						
1203411037	E22E06021M200H	M12 CAT6A M/M ST/ST TPE GREEN TEAL SIMILAR RAL6026 20M-ID	20000						
1203410918	E22E06021M250H	M12 CAT6A M/M ST/ST TPE GREEN TEAL SIMILAR RAL6026 25M-ID	25000						
1203410919	E22E06021M300H	M12 CAT6A M/M ST/ST TPE GREEN TEAL SIMILAR RAL6026 30M-ID	30000						
1203410920	E22E06021M350H	M12 CAT6A M/M ST/ST TPE GREEN TEAL SIMILAR RAL6026 35M-ID	35000						
1203410978	E22E06021M400H	M12 CAT6A M/M ST/ST TPE GREEN TEAL SIMILAR RAL6026 40M-ID	40000						
1203410979	E22E06021M450H	M12 CAT6A M/M ST/ST TPE GREEN TEAL SIMILAR RAL6026 45M-ID	45000						
1203410921	E22E06021M500H	M12 CAT6A M/M ST/ST TPE GREEN TEAL SIMILAR RAL6026 50M-ID	50000						
1203410980	E22E06021M550H	M12 CAT6A M/M ST/ST TPE GREEN TEAL SIMILAR RAL6026 55M-ID	55000						
1203411001	E22E06021M600H	M12 CAT6A M/M ST/ST TPE GREEN TEAL SIMILAR RAL6026 60M-ID	60000						
1203410981	E22E06021M650H	M12 CAT6A M/M ST/ST TPE GREEN TEAL SIMILAR RAL6026 65M-ID	65000						
1203410982	E22E06021M700H	M12 CAT6A M/M ST/ST TPE GREEN TEAL SIMILAR RAL6026 70M-ID	70000						
1203410983	E22E06021M750H	M12 CAT6A M/M ST/ST TPE GREEN TEAL SIMILAR RAL6026 75M-ID	75000						
1203411002	E22E06021M850H	M12 CAT6A M/M ST/ST TPE GREEN TEAL SIMILAR RAL6026 85M-ID	85000						
1203411038	E22E06021M800H	M12 CAT6A M/M ST/ST TPE GREEN TEAL SIMILAR RAL6026 80M-ID	80000						

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							
 = 0	DIMENSION UNITS	SCALE						
 = 0	mm	1:1						
 = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)							
DIVISIONAL SYMBOLS	ANGULAR TOL	± 1.0 °						
	4 PLACES	±						
	3 PLACES	±						
	2 PLACES	± 0.05						
	1 PLACE	± 0.3						
	0 PLACES	± 0.5						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
			A3-SIZE	120341	1203410863	PSD	000	A8