

PART No. MATRIX

E	6	6	E	0	6	0	2	1	M	X	X	X	X
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E=ETHERNET/
Ethernet

HEADS:
6 = RJ45

HEADS STYLE:
060 = MALE STR / MALE STR

CABLE TYPE :
CABLE 21

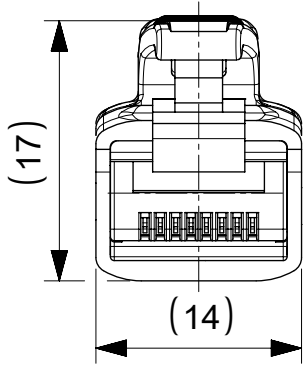
UNITS:
M= METER
T= 10xMETER

LENGTH EXAMPLES:
005=0.5 m
010=1 m
150=15 m
T100=100 m

H= 2 PCS. OF I/D Carrier

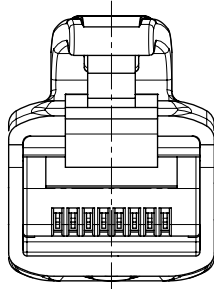
WIRING TYPE:
E=8 Pole (STRAIGHT WIRED)

RJ45 PLUG
FRONT VIEW

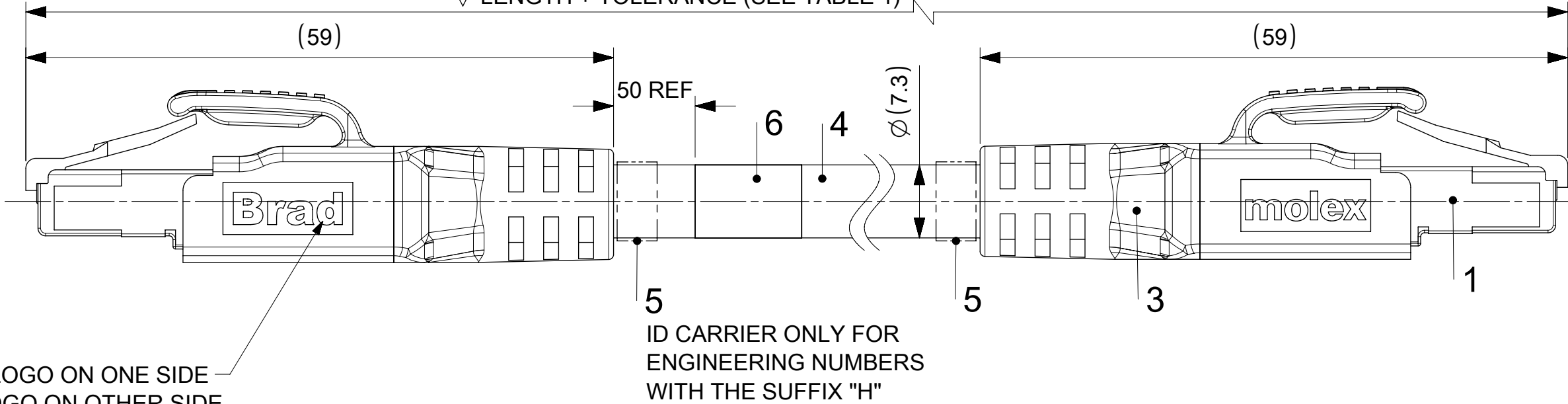


MOLEX LOGO ON ONE SIDE
BRAD LOGO ON OTHER SIDE

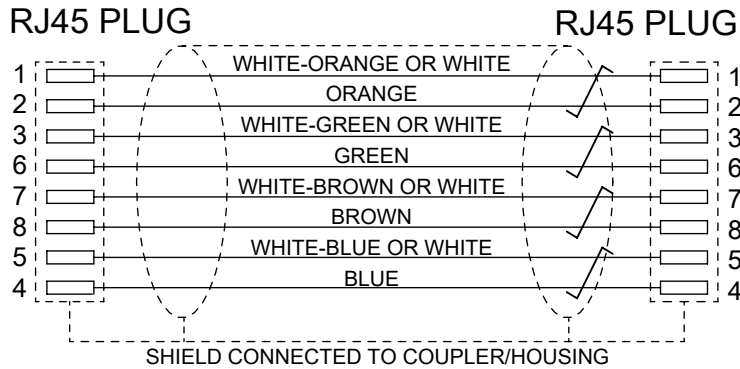
RJ45 PLUG
FRONT VIEW



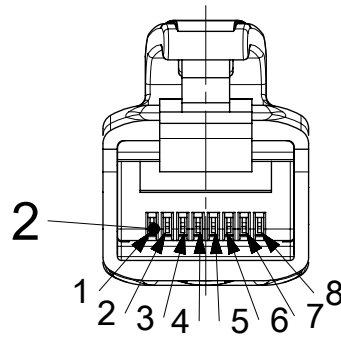
LENGTH + TOLERANCE (SEE TABLE 1)



WIRING DIAGRAM



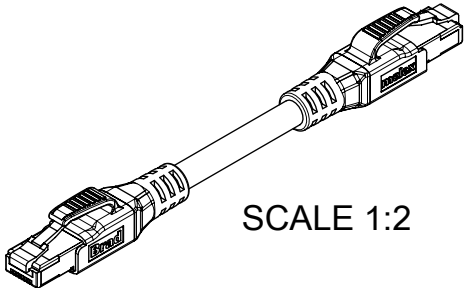
RJ45 PLUG
FRONT VIEW



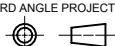
BILL OF MATERIAL

ITEM	QTY	DESCRIPTION	MATERIAL	FINISH/COLOR
1	2	PLUG RJ45 PLUG	-	-
2	16	CONTACT RJ45	PHOSPHOR BRONZE	SELECTIVE Au PLATING
3	-	OVERMOLD	TPU	BLACK
4	1	CABLE 4X(2X AWG26/7) CAT 7	TPE	GREEN TEAL SIMILAR RAL6026
5	SEE PN MATRIX	ID CARRIER	PVC	TRANSPARENT
6	1	LABEL 2.0X1.75	VINYL	YELLOW

DOCUMENT STATUS P1 RELEASE DATE 2024/03/21 10:35:14



FUNCTIONAL SYMBOLS A= 0 E= 1 E= 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		molex			
	DIMENSION UNITS	SCALE	GENERAL TOLERANCES (UNLESS SPECIFIED)		RJ45 CAT6A ST/ST TPE XM			
	mm	2:1	ANGULAR TOL ± 1.0 °		PRODUCT CUSTOMER DRAWING			
	4 PLACES	±	EC NO: 780754		DOCUMENT NUMBER			
3 PLACES ±			DRWN: RSCHIEBER		2024/03/20		DOC TYPE	
2 PLACES ± 0.05			CHK'D: RSILLER		2024/03/21		DOC PART	
1 PLACE ± 0.3			APPR: RSILLER		2024/03/21		REVISION	
0 PLACES ± 0.5			INITIAL REVISION:		2019/11/25		1203410911	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			DRWN: MDHARMANTI		2021/03/16		PSD 000 A5	
THIRD ANGLE PROJECTION			DRAWING		SERIES		MATERIAL NUMBER	
A3-SIZE			120341		CUSTOMER		GENERAL MARKET	
							SHEET NUMBER	
							1 OF 2	

10	9	8	7	6	5	4	3	2	1								
TABLE 1																	
MOLEX P/N	ENGINEERING NO.	DESCRIPTION	LENGTH (mm)														
1203410924	E66E06021M002	RJ45 CAT6A ST/ST TPE GREEN TEAL SIMILAR RAL6026 0.2M	200														
1203410925	E66E06021M005	RJ45 CAT6A ST/ST TPE GREEN TEAL SIMILAR RAL6026 0.5M	500														
1203410911	E66E06021M010	RJ45 CAT6A ST/ST TPE GREEN TEAL SIMILAR RAL6026 1M	1000														
1203410926	E66E06021M020	RJ45 CAT6A ST/ST TPE GREEN TEAL SIMILAR RAL6026 2M	2000														
1203410927	E66E06021M030	RJ45 CAT6A ST/ST TPE GREEN TEAL SIMILAR RAL6026 3M	3000														
1203410928	E66E06021M040	RJ45 CAT6A ST/ST TPE GREEN TEAL SIMILAR RAL6026 4M	4000														
1203410929	E66E06021M050	RJ45 CAT6A ST/ST TPE GREEN TEAL SIMILAR RAL6026 5M	5000														
1203410930	E66E06021M100	RJ45 CAT6A ST/ST TPE GREEN TEAL SIMILAR RAL6026 10M	10000														
1203410931	E66E06021M150	RJ45 CAT6A ST/ST TPE GREEN TEAL SIMILAR RAL6026 15M	15000														
1203410932	E66E06021M200	RJ45 CAT6A ST/ST TPE GREEN TEAL SIMILAR RAL6026 20M	20000														
1203410933	E66E06021M300	RJ45 CAT6A ST/ST TPE GREEN TEAL SIMILAR RAL6026 30M	30000														
1203410912	E66E06021M360	RJ45 CAT6A ST/ST TPE GREEN TEAL SIMILAR RAL6026 36M	36000														
WITH ID CARRIER																	
1203410995	E66E06021M010H	RJ45 CAT6A ST/ST TPE GREEN TEAL SIMILAR RAL6026 1M ID	1000														
1203410996	E66E06021M020H	RJ45 CAT6A ST/ST TPE GREEN TEAL SIMILAR RAL6026 2M ID	2000														
1203411006	E66E06021M030H	RJ45 CAT6A ST/ST TPE GREEN TEAL SIMILAR RAL6026 3M ID	3000														
1203411014	E66E06021M050H	RJ45 CAT6A ST/ST TPE GREEN TEAL SIMILAR RAL6026 5M ID	5000														
1203410997	E66E06021M100H	RJ45 CAT6A ST/ST TPE GREEN TEAL SIMILAR RAL6026 10M ID	10000														
1203410998	E66E06021M250H	RJ45 CAT6A ST/ST TPE GREEN TEAL SIMILAR RAL6026 25M ID	25000														
1203411051	E66E06021M040H	RJ45 CAT6A ST/ST TPE GREEN TEAL SIMILAR RAL6026 4M ID	4000														
1203411052	E66E06021M060H	RJ45 CAT6A ST/ST TPE GREEN TEAL SIMILAR RAL6026 6M ID	6000														
1203411053	E66E06021M070H	RJ45 CAT6A ST/ST TPE GREEN TEAL SIMILAR RAL6026 7M ID	7000														
1203411054	E66E06021M080H	RJ45 CAT6A ST/ST TPE GREEN TEAL SIMILAR RAL6026 8M ID	8000														
1203411055	E66E06021M120H	RJ45 CAT6A ST/ST TPE GREEN TEAL SIMILAR RAL6026 12M ID	12000														
1203411056	E66E06021M150H	RJ45 CAT6A ST/ST TPE GREEN TEAL SIMILAR RAL6026 15M ID	15000														
1203411057	E66E06021M200H	RJ45 CAT6A ST/ST TPE GREEN TEAL SIMILAR RAL6026 20M ID	20000														
1203411058	E66E06021M300H	RJ45 CAT6A ST/ST TPE GREEN TEAL SIMILAR RAL6026 30M ID	30000														
1203411059	E66E06021M350H	RJ45 CAT6A ST/ST TPE GREEN TEAL SIMILAR RAL6026 35M ID	35000														
1203411060	E66E06021M400H	RJ45 CAT6A ST/ST TPE GREEN TEAL SIMILAR RAL6026 40M ID	40000														
1203411061	E66E06021M450H	RJ45 CAT6A ST/ST TPE GREEN TEAL SIMILAR RAL6026 45M ID	45000														
1203411062	E66E06021M500H	RJ45 CAT6A ST/ST TPE GREEN TEAL SIMILAR RAL6026 50M ID	50000														
1203411063	E66E06021M550H	RJ45 CAT6A ST/ST TPE GREEN TEAL SIMILAR RAL6026 55M ID	55000														
1203411064	E66E06021M600H	RJ45 CAT6A ST/ST TPE GREEN TEAL SIMILAR RAL6026 60M ID	60000														
1203411065	E66E06021M650H	RJ45 CAT6A ST/ST TPE GREEN TEAL SIMILAR RAL6026 65M ID	65000														
1203411066	E66E06021M700H	RJ45 CAT6A ST/ST TPE GREEN TEAL SIMILAR RAL6026 70M ID	70000														
1203411067	E66E06021M750H	RJ45 CAT6A ST/ST TPE GREEN TEAL SIMILAR RAL6026 75M ID	75000														
1203411068	E66E06021M800H	RJ45 CAT6A ST/ST TPE GREEN TEAL SIMILAR RAL6026 80M ID	80000														
1203411069	E66E06021M850H	RJ45 CAT6A ST/ST TPE GREEN TEAL SIMILAR RAL6026 85M ID	85000														
NOTES: VOLTAGE RATING: 30 V A.C. OR 42 V D.C. CURRENT RATING: 0.5 A TEMPERATURE RATING: STATIC: -40 °C TO 80 °C DYNAMIC: -25 °C TO 80 °C IP RATING: IP 20 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																	
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		CURRENT REV DESC: CABLE COLOR UPDATED									
 = 0				mm		1:1											
 = 0				GENERAL TOLERANCES (UNLESS SPECIFIED)													
				ANGULAR TOL		± 1.0 °											
DIVISIONAL SYMBOLS				4 PLACES		±		EC NO: 780754		RJ45 CAT6A ST/ST TPE XM							
				3 PLACES		±		DRWN: RSCHIEBER 2024/03/20									
				2 PLACES		± 0.05		CHK'D: RSILLER 2024/03/21									
				1 PLACE		± 0.3		APPR: RSILLER 2024/03/21									
				0 PLACES		± 0.5		INITIAL REVISION: DRWN: MDHARMANTI 2019/11/25 APPR: RSILLER 2021/03/16									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
						A3-SIZE		120341		1203410911		PSD		000		A5	
DOCUMENT STATUS				P1		RELEASE DATE		2024/03/21 10:35:14									
10	9	8	7	6	5	4	3	2	1								