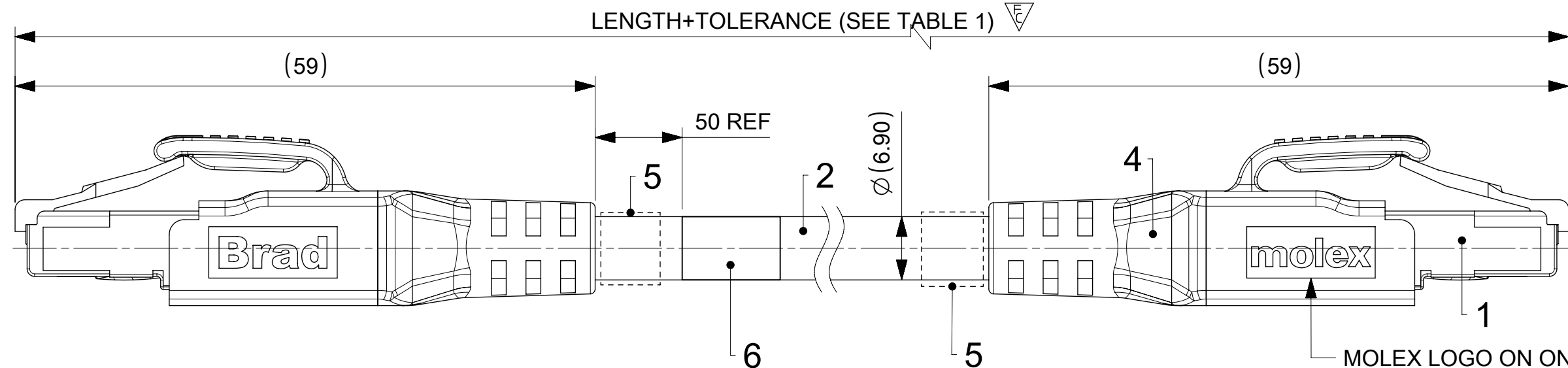
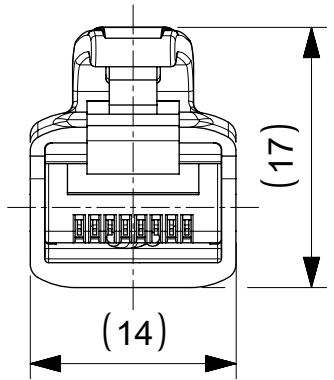
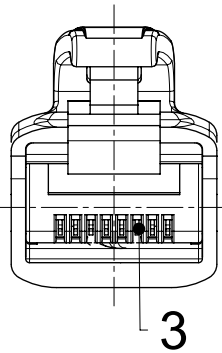


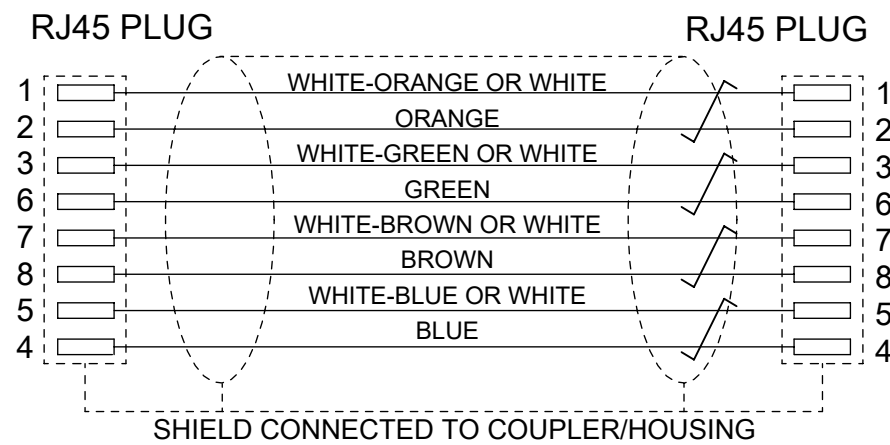
RJ45 PLUG
FRONT VIEW



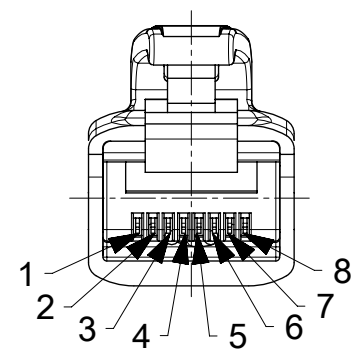
RJ45 PLUG
FRONT VIEW



WIRING DIAGRAM



RJ45 PLUG
FRONT VIEW

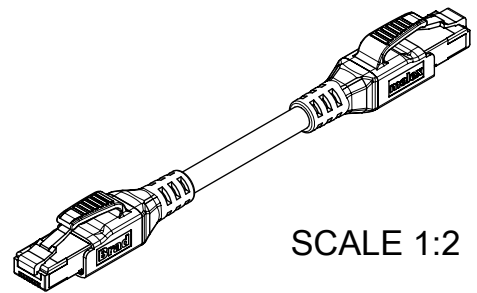


NOTES:
VOLTAGE RATING: 30 V A.C. OR 42 V D.C.
CURRENT RATING: 0.5 A
TEMPERATURE RATING:
STATIC: -40 °C TO 80 °C
DYNAMIC: -20 °C TO 80 °C
IP RATING: IP 20
TRANSMISSION CHARACTERISTICS ACCORDING TO ISO/IEC 11801 CLASS E_A CHANNEL,
WITH INSERTION LOSS BEING IGNORED FOR CABLE LENGTHS <1 m OR ≥65 m
PRODUCT POE++ PERFORMANCED TESTED UP TO 65m LENGTH
PACKAGING: CORDSETS ARE PACKED IN A POLYBAG

BILL OF MATERIAL

ITEM	QTY	DESCRIPTION	MATERIAL	FINISH/COLOR
1	2	RJ45-PLUG 8P8C SHLD LONG BODY	-	-
2	1	CABLE 4X2X26/7AWG DIA 6.9	PUR	GREEN
3	16	CONTACT RJ45	PHOSPHOR BRONZE	SELECTIVE Au PLATED
4	-	OVERMOLD	TPU	BLACK
5	2	I/D CARRIER 6-10mmx30mm	PVC	TRANSPARENT
6	1	LABEL 2.0X1.75	VINYL	YELLOW

DOCUMENT STATUS	P1	RELEASE DATE	2023/08/29	13:52:05
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SCALE 1:2

FUNCTIONAL 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: ADD POE NOTE			molex CSE RJ45 CAT6A 8P STR PUR XM				
	mm		2:1									
	GENERAL TOLERANCES (UNLESS SPECIFIED)											
	ANGULAR TOL ± 1.0 °		EC NO: 760691			PRODUCT CUSTOMER DRAWING						
4 PLACES ±		DRWN: MBLOESER 2023/07/12										
3 PLACES ±		CHK'D: RSILLER 2023/08/29										
DIVISIONAL SYMBOLS	2 PLACES ± 0.05		APPR: RSILLER 2023/08/29			DOCUMENT NUMBER 1203410600				DOC TYPE PSD	DOC PART 000	REVISION A6
	1 PLACE ± 0.3		INITIAL REVISION:									
	0 PLACES ± 0.5		DRWN: MDHARMANTI 2019/10/10									
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER		SHEET NUMBER		
					A3-SIZE	120341	SEE TABLE 1	GENERAL MARKET		1 OF 2		

10	9	8	7	6	5	4	3	2	1
TABLE 1									
MOLEX PN				ENGINEERING NO.		DESCRIPTION		LENGTH [mm]	
1203410600				E66E06020M005		CSE RJ45 CAT6A 8P 0C FE STR PUR GREEN 0.5M		500	
1203410601				E66E06020M010		CSE RJ45 CAT6A 8P 0C FE STR PUR GREEN 1M		1000	
1203410602				E66E06020M020		CSE RJ45 CAT6A 8P 0C FE STR PUR GREEN 2M		2000	
1203410603				E66E06020M030		CSE RJ45 CAT6A 8P 0C FE STR PUR GREEN 3M		3000	
1203410604				E66E06020M040		CSE RJ45 CAT6A 8P 0C FE STR PUR GREEN 4M		4000	
1203410605				E66E06020M050		CSE RJ45 CAT6A 8P 0C FE STR PUR GREEN 5M		5000	
1203410606				E66E06020M100		CSE RJ45 CAT6A 8P 0C FE STR PUR GREEN 10M		10000	
1203410607				E66E06020M150		CSE RJ45 CAT6A 8P 0C FE STR PUR GREEN 15M		15000	
1203410960				E66E06020M200		CSE RJ45 CAT6A 8P 0C FE STR PUR GREEN 20M		20000	
1203410862				E66E06020M250		CSE RJ45 CAT6A 8P 0C FE STR PUR GREEN 25M		25000	
1203410961				E66E06020M300		CSE RJ45 CAT6A 8P 0C FE STR PUR GREEN 30M		30000	
1203410962				E66E06020M400		CSE RJ45 CAT6A 8P 0C FE STR PUR GREEN 40M		40000	
1203410963				E66E06020M500		CSE RJ45 CAT6A 8P 0C FE STR PUR GREEN 50M		50000	
1203410909				E66E06020M550		CSE RJ45 CAT6A 8P 0C FE STR PUR GREEN 55M		55000	
1203410964				E66E06020M600		CSE RJ45 CAT6A 8P 0C FE STR PUR GREEN 60M		60000	
1203410910				E66E06020M650		CSE RJ45 CAT6A 8P 0C FE STR PUR GREEN 65M		65000	
1203410965				E66E06020M700		CSE RJ45 CAT6A 8P 0C FE STR PUR GREEN 70M		70000	
1203410966				E66E06020M800		CSE RJ45 CAT6A 8P 0C FE STR PUR GREEN 80M		80000	
1203410934				E66E06020M900		CSE RJ45 CAT6A 8P 0C FE STR PUR GREEN 90M		90000	
WITH ID CARRIER									
1203410608				E66E06020M005H		CSE RJ45 CAT6A 8P 0C FE STR PUR GREEN 0.5M-ID		500	
1203410609				E66E06020M010H		CSE RJ45 CAT6A 8P 0C FE STR PUR GREEN 1M-ID		1000	
1203410610				E66E06020M020H		CSE RJ45 CAT6A 8P 0C FE STR PUR GREEN 2M-ID		2000	
1203410967				E66E06020M030H		CSE RJ45 CAT6A 8P 0C FE STR PUR GREEN 3M-ID		3000	
1203410611				E66E06020M050H		CSE RJ45 CAT6A 8P 0C FE STR PUR GREEN 5M-ID		5000	
1203410971				E66E06020M060H		CSE RJ45 CAT6A 8P 0C FE STR PUR GREEN 6M-ID		6000	
1203410970				E66E06020M080H		CSE RJ45 CAT6A 8P 0C FE STR PUR GREEN 8M-ID		8000	
1203410612				E66E06020M100H		CSE RJ45 CAT6A 8P 0C FE STR PUR GREEN 10M-ID		10000	
1203410613				E66E06020M150H		CSE RJ45 CAT6A 8P 0C FE STR PUR GREEN 15M-ID		15000	
1203410969				E66E06020M170H		CSE RJ45 CAT6A 8P 0C FE STR PUR GREEN 17M-ID		17000	
1203410620				E66E06020M200H		CSE RJ45 CAT6A 8P 0C FE STR PUR GREEN 20M-ID		20000	
1203410973				E66E06020M250H		CSE RJ45 CAT6A 8P 0C FE STR PUR GREEN 25M-ID		25000	
1203410621				E66E06020M300H		CSE RJ45 CAT6A 8P 0C FE STR PUR GREEN 30M-ID		30000	
1203410622				E66E06020M400H		CSE RJ45 CAT6A 8P 0C FE STR PUR GREEN 40M-ID		40000	
1203410968				E66E06020M460H		CSE RJ45 CAT6A 8P 0C FE STR PUR GREEN 46M-ID		46000	
1203410623				E66E06020M500H		CSE RJ45 CAT6A 8P 0C FE STR PUR GREEN 50M-ID		50000	
1203410972				E66E06020M530H		CSE RJ45 CAT6A 8P 0C FE STR PUR GREEN 53M-ID		53000	
1203410624				E66E06020M600H		CSE RJ45 CAT6A 8P 0C FE STR PUR GREEN 60M-ID		60000	
1203410625				E66E06020M700H		CSE RJ45 CAT6A 8P 0C FE STR PUR GREEN 70M-ID		70000	
1203410913				E66E06020M800H		CSE RJ45 CAT6A 8P 0C FE STR PUR GREEN 80M-ID		80000	

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)	
	0	ANGULAR TOL ± 1.0 °	
DIVISIONAL SYMBOLS	4 PLACES	±	1.0 °
	3 PLACES	±	
	2 PLACES	±	0.05
	1 PLACE	±	0.3
	0 PLACES	±	0.5
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION
			A3-SIZE

CURRENT REV DESC: ADD POE NOTE		EC NO: 760691	
		DRWN: MBLOESER 2023/07/12	
		CHK'D: RSILLER 2023/08/29	
		APPR: RSILLER 2023/08/29	
INITIAL REVISION:		2019/10/10	
DRWN: MDHARMANTI		2019/10/15	
APPR: RSILLER			

DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
1203410600		PSD	000	A6

MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
SEE TABLE 1		GENERAL MARKET		2 OF 2	

DOCUMENT STATUS		P1	RELEASE DATE	2023/08/29 13:52:05
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10	9	8	7	6	5	4	3	2	1
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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