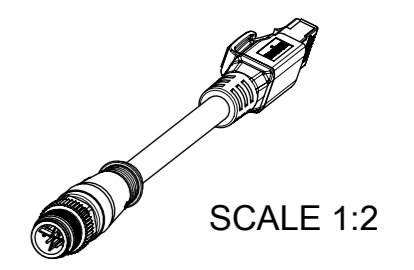


**NOTES:**  
 VOLTAGE RATING: 30 V A.C. OR 42 V D.C.  
 CURRENT RATING: 0.5 A  
 TEMPERATURE RATING:  
 STATIC: -40 °C TO 80 °C  
 DYNAMIC: -20 °C TO 80 °C  
 IP RATING:  
 M12 SIDE IP 67 (IN MATED AND LOCKED CONDITION)  
 RJ45 SIDE IP 20  
 TRANSMISSION CHARACTERISTICS ACCORDING TO ISO/IEC 11801 CLASS E<sub>A</sub> CHANNEL,  
 WITH INSERTION LOSS BEING IGNORED FOR CABLE LENGTHS <1 m OR >65 m  
 PACKAGING: CORDSETS ARE PACKED IN A POLYBAG

**B BILL OF MATERIAL**

ITEM	QTY	DESCRIPTION	MATERIAL	FINISH/COLOR
1	1	CABLE	PUR	GREEN
2	8	CONTACT 6 MALE	BRASS	Au OVER Ni
3	-	OVERMOLD	TPU	BLACK
4	1	INSERT M12 CAT6A MALE 8P	PA6	BLACK
5	1	SHELL M12 CAT6A	ZINC DIE-CAST	Ni PLATED
6	1	NUT M12 MALE	BRASS	Ni PLATED
7	1	CONTACT RJ45	PHOSPHOR BRONZE	SELECTIVE Au PLATED
8	1	PLUG RJ45	-	-
9	1	SHIELD	BRASS	TIN
10	2	ID CARRIER	PVC	TRANSPARENT
11	1	LABEL 2.0X1.75	VINYL	YELLOW



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: CODING ACC. STANDARD POSITIONED		<b>molex</b>	
	DIMENSION UNITS: <b>mm</b> SCALE: <b>2:1</b> GENERAL TOLERANCES (UNLESS SPECIFIED): ANGULAR TOL ± 1.0° 4 PLACES ± 3 PLACES ± 2 PLACES ± 0.05 1 PLACE ± 0.3 0 PLACES ± 0.5	EC NO: 748267 DRWN: RSCHIEBER 2023/05/03 CHK'D: RSILLER 2023/05/04 APPR: RSILLER 2023/05/04			
DIVISIONAL SYMBOLS	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS THIRD ANGLE PROJECTION DRAWING: <b>A3-SIZE</b> SERIES: <b>120341</b>	INITIAL REVISION: DRWN: FGAIK 2017/06/20 APPR: BBRAUCH 2017/06/27	DOCUMENT NUMBER: <b>1203410500</b> DOC TYPE: PSD DOC PART: 000 REVISION: A10	PRODUCT CUSTOMER DRAWING CSE M12 CAT6A RJ45 8P XC MA STR PUR XM	
MATERIAL NUMBER: SEE TABLE 1		CUSTOMER: GENERAL MARKET	SHEET NUMBER: 1 OF 2		

10

9

8

7

6

5

4

3

2


1

TABLE 1

MOLEX PN	ENGINEERING NO.	DESCRIPTION	LENGTH [mm]
1203410500	E26E06020M005	M12 CAT6A M/RJ45 ST/ST PUR GREEN 0.5M	500
1203410501	E26E06020M010	M12 CAT6A M/RJ45 ST/ST PUR GREEN 1M	1000
1203410502	E26E06020M020	M12 CAT6A M/RJ45 ST/ST PUR GREEN 2M	2000
1203410503	E26E06020M030	M12 CAT6A M/RJ45 ST/ST PUR GREEN 3M	3000
1203410504	E26E06020M040	M12 CAT6A M/RJ45 ST/ST PUR GREEN 4M	4000
1203410505	E26E06020M050	M12 CAT6A M/RJ45 ST/ST PUR GREEN 5M	5000
1203410860	E26E06020M070	M12 CAT6A M/RJ45 ST/ST PUR GREEN 7M	7000
1203410506	E26E06020M100	M12 CAT6A M/RJ45 ST/ST PUR GREEN 10M	10000
1203410507	E26E06020M150	M12 CAT6A M/RJ45 ST/ST PUR GREEN 15M	15000
1203410508	E26E06020M200	M12 CAT6A M/RJ45 ST/ST PUR GREEN 20M	20000
1203410511	E26E06020M230	M12 CAT6A M/RJ45 ST/ST PUR GREEN 23M	23000
1203410861	E26E06020M250	M12 CAT6A M/RJ45 ST/ST PUR GREEN 25M	25000
1203410509	E26E06020M300	M12 CAT6A M/RJ45 ST/ST PUR GREEN 30M	30000
1203410510	E26E06020M400	M12 CAT6A M/RJ45 ST/ST PUR GREEN 40M	40000
1203410568	E26E06020M500	M12 CAT6A M/RJ45 ST/ST PUR GREEN 50M	50000
1203410569	E26E06020M600	M12 CAT6A M/RJ45 ST/ST PUR GREEN 60M	60000
1203410570	E26E06020M700	M12 CAT6A M/RJ45 ST/ST PUR GREEN 70M	70000
WITH ID CARRIER			
1203410572	E26E06020M005H	M12 CAT6A M/RJ45 ST/ST PUR GREEN 0.5M	500
1203410573	E26E06020M010H	M12 CAT6A M/RJ45 ST/ST PUR GREEN 1M	1000
1203410574	E26E06020M020H	M12 CAT6A M/RJ45 ST/ST PUR GREEN 2M	2000
1203410575	E26E06020M030H	M12 CAT6A M/RJ45 ST/ST PUR GREEN 3M	3000
1203410576	E26E06020M040H	M12 CAT6A M/RJ45 ST/ST PUR GREEN 4M	4000
1203410577	E26E06020M050H	M12 CAT6A M/RJ45 ST/ST PUR GREEN 5M	5000
1203410936	E26E06020M065H	M12 CAT6A M/RJ45 ST/ST PUR GREEN 6.5M	6500
1203410578	E26E06020M100H	M12 CAT6A M/RJ45 ST/ST PUR GREEN 10M	10000
1203410937	E26E06020M110H	M12 CAT6A M/RJ45 ST/ST PUR GREEN 11M	11000
1203410938	E26E06020M120H	M12 CAT6A M/RJ45 ST/ST PUR GREEN 12M	12000
1203410939	E26E06020M130H	M12 CAT6A M/RJ45 ST/ST PUR GREEN 13M	13000
1203410579	E26E06020M150H	M12 CAT6A M/RJ45 ST/ST PUR GREEN 15M	15000
1203410580	E26E06020M200H	M12 CAT6A M/RJ45 ST/ST PUR GREEN 20M	20000
1203410583	E26E06020M230H	M12 CAT6A M/RJ45 ST/ST PUR GREEN 23M	23000
1203410581	E26E06020M300H	M12 CAT6A M/RJ45 ST/ST PUR GREEN 30M	30000
1203410582	E26E06020M400H	M12 CAT6A M/RJ45 ST/ST PUR GREEN 40M	40000
1203410974	E26E06020M450H	M12 CAT6A M/RJ45 ST/ST PUR GREEN 45M	45000
1203410584	E26E06020M500H	M12 CAT6A M/RJ45 ST/ST PUR GREEN 50M	50000
1203410585	E26E06020M600H	M12 CAT6A M/RJ45 ST/ST PUR GREEN 60M	60000
1203410976	E26E06020M650H	M12 CAT6A M/RJ45 ST/ST PUR GREEN 65M	65000
1203410586	E26E06020M700H	M12 CAT6A M/RJ45 ST/ST PUR GREEN 70M	70000
1203410914	E26E06020M800H	M12 CAT6A M/RJ45 ST/ST PUR GREEN 80M	80000
1203410977	E26E06020M850H	M12 CAT6A M/RJ45 ST/ST PUR GREEN 85M	85000

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				
$\nabla_A = 0$ $\nabla_B = 0$ $\nabla_C = 0$	DIMENSION UNITS: <b>mm</b> SCALE: <b>1:1</b>	CURRENT REV DESC: CODING ACC. STANDARD POSITIONED			EC NO: 748267 DRWN: RSCHIEBER 2023/05/03 CHK'D: RSILLER 2023/05/04 APPR: RSILLER 2023/05/04
GENERAL TOLERANCES (UNLESS SPECIFIED)		PRODUCT CUSTOMER DRAWING		DOCUMENT NUMBER: <b>1203410500</b> DOC TYPE: PSD DOC PART: 000 REVISION: A10	
ANGULAR TOL $\pm 1.0^\circ$ 4 PLACES $\pm$ 3 PLACES $\pm$ 2 PLACES $\pm 0.05$ 1 PLACE $\pm 0.3$ 0 PLACES $\pm 0.5$		INITIAL REVISION: DRWN: FGAIK 2017/06/20 APPR: BBRAUCH 2017/06/27			
DIVISIONAL SYMBOLS		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING: A3-SIZE SERIES: 120341	MATERIAL NUMBER: SEE TABLE 1 CUSTOMER: GENERAL MARKET SHEET NUMBER: 2 OF 2