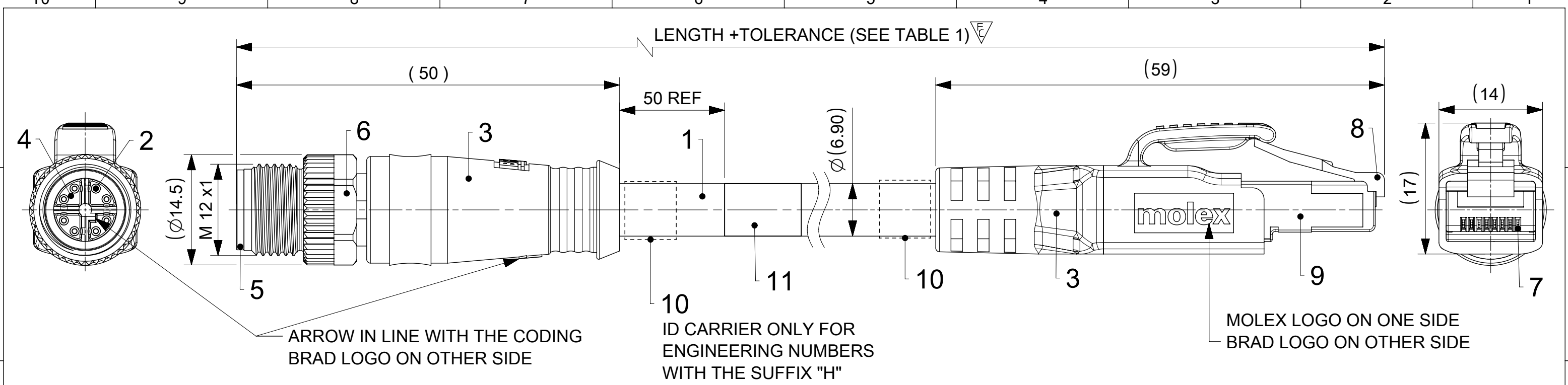




NOTES:
VOLTAGE RATING: 30 V A.C. OR 42 V D.C.
CURRENT RATING: 0.5 A
TEMPERATURE RATING:
STATIC: -40 °C TO 80 °C
DYNAMIC: -20 °C TO 80 °C
IP RATING:
M12 SIDE IP 67 (IN MATED AND LOCKED CONDITION)
RJ45 SIDE IP 20
TRANSMISSION CHARACTERISTICS ACCORDING TO ISO/IEC 11801 CLASS E_A CHANNEL,
WITH INSERTION 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

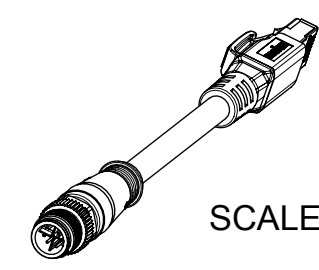
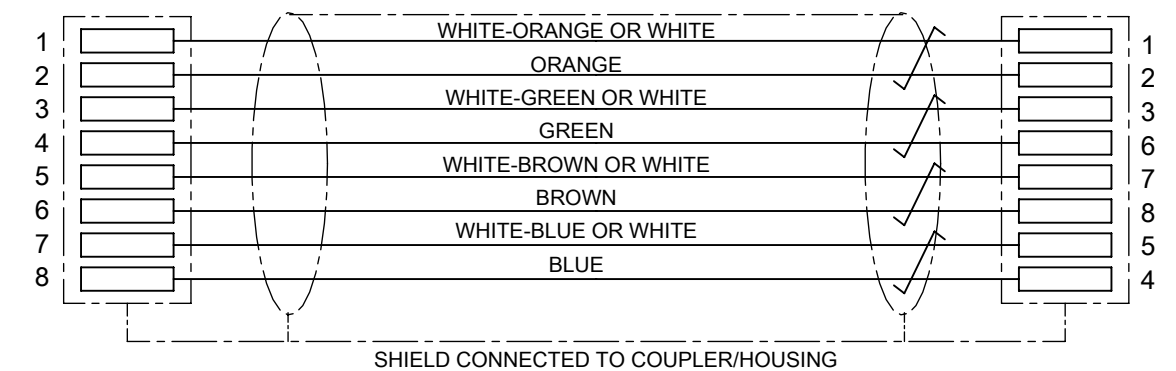
BILL OF MATERIAL				
ITEM	QTY	DESCRIPTION	MATERIAL	FINISH/COLOR
1	1	CABLE	PUR	GREEN
2	8	CONTACT 6 MALE	BRASS	Au OVER Ni
3	-	OVERMOLD	TPU	BLACK
4	1	INSERT M12 CAT6A MALE 8P	PA6	BLACK
5	1	SHELL M12 CAT6A	ZINC DIE-CAST	Ni PLATED
6	1	NUT M12 MALE	BRASS	Ni PLATED
7	1	CONTACT RJ45	PHOSPHOR BRONZE	SELECTIVE 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

DOCUMENT STATUS	P1	RELEASE DATE	2023/08/29	13:52:07
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M12 X-CODE MALE

WIRING DIAGRAM

RJ45 PLUG



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:		moLEX	
	DIMENSION UNITS	SCALE			CSE M12 CAT6A RJ45 8P XC MA STR PUR XM	
FA = 0	mm	2:1				
FE = 1	GENERAL TOLERANCES (UNLESS SPECIFIED)					
FE = 0	ANGULAR TOL ± 1.0 °					
DIVISIONAL SYMBOLS	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
				A3-SIZE	120341	1203410500
					CUSTOMER	SHEET NUMBER
					GENERAL MARKET	1 OF 2

10	9	8	7	6	5	4	3	2	1																																																																																																																																																																								
TABLE 1 <table><tr><th>MOLEX PN</th><th>ENGINEERING NO.</th><th>DESCRIPTION</th><th>LENGTH [mm]</th></tr><tr><td>1203410500</td><td>E26E06020M005</td><td>M12 CAT6A M/RJ45 ST/ST PUR GREEN 0.5M</td><td>500</td></tr><tr><td>1203410501</td><td>E26E06020M010</td><td>M12 CAT6A M/RJ45 ST/ST PUR GREEN 1M</td><td>1000</td></tr><tr><td>1203410502</td><td>E26E06020M020</td><td>M12 CAT6A M/RJ45 ST/ST PUR GREEN 2M</td><td>2000</td></tr><tr><td>1203410503</td><td>E26E06020M030</td><td>M12 CAT6A M/RJ45 ST/ST PUR GREEN 3M</td><td>3000</td></tr><tr><td>1203410504</td><td>E26E06020M040</td><td>M12 CAT6A M/RJ45 ST/ST PUR GREEN 4M</td><td>4000</td></tr><tr><td>1203410505</td><td>E26E06020M050</td><td>M12 CAT6A M/RJ45 ST/ST PUR GREEN 5M</td><td>5000</td></tr><tr><td>1203410860</td><td>E26E06020M070</td><td>M12 CAT6A M/RJ45 ST/ST PUR GREEN 7M</td><td>7000</td></tr><tr><td>1203410506</td><td>E26E06020M100</td><td>M12 CAT6A M/RJ45 ST/ST PUR GREEN 10M</td><td>10000</td></tr><tr><td>1203410507</td><td>E26E06020M150</td><td>M12 CAT6A M/RJ45 ST/ST PUR GREEN 15M</td><td>15000</td></tr><tr><td>1203410508</td><td>E26E06020M200</td><td>M12 CAT6A M/RJ45 ST/ST PUR GREEN 20M</td><td>20000</td></tr><tr><td>1203410511</td><td>E26E06020M230</td><td>M12 CAT6A M/RJ45 ST/ST PUR GREEN 23M</td><td>23000</td></tr><tr><td>1203410861</td><td>E26E06020M250</td><td>M12 CAT6A M/RJ45 ST/ST PUR GREEN 25M</td><td>25000</td></tr><tr><td>1203410509</td><td>E26E06020M300</td><td>M12 CAT6A M/RJ45 ST/ST PUR GREEN 30M</td><td>30000</td></tr><tr><td>1203410510</td><td>E26E06020M400</td><td>M12 CAT6A M/RJ45 ST/ST PUR GREEN 40M</td><td>40000</td></tr><tr><td>1203410568</td><td>E26E06020M500</td><td>M12 CAT6A M/RJ45 ST/ST PUR GREEN 50M</td><td>50000</td></tr><tr><td>1203410569</td><td>E26E06020M600</td><td>M12 CAT6A M/RJ45 ST/ST PUR GREEN 60M</td><td>60000</td></tr><tr><td>1203410570</td><td>E26E06020M700</td><td>M12 CAT6A M/RJ45 ST/ST PUR GREEN 70M</td><td>70000</td></tr><tr><td colspan="4">WITH ID CARRIER</td></tr><tr><td>1203410572</td><td>E26E06020M005H</td><td>M12 CAT6A M/RJ45 ST/ST PUR GREEN 0.5M</td><td>500</td></tr><tr><td>1203410573</td><td>E26E06020M010H</td><td>M12 CAT6A M/RJ45 ST/ST PUR GREEN 1M</td><td>1000</td></tr><tr><td>1203410574</td><td>E26E06020M020H</td><td>M12 CAT6A M/RJ45 ST/ST PUR GREEN 2M</td><td>2000</td></tr><tr><td>1203410575</td><td>E26E06020M030H</td><td>M12 CAT6A M/RJ45 ST/ST PUR GREEN 3M</td><td>3000</td></tr><tr><td>1203410576</td><td>E26E06020M040H</td><td>M12 CAT6A M/RJ45 ST/ST PUR GREEN 4M</td><td>4000</td></tr><tr><td>1203410577</td><td>E26E06020M050H</td><td>M12 CAT6A M/RJ45 ST/ST PUR GREEN 5M</td><td>5000</td></tr><tr><td>1203410936</td><td>E26E06020M065H</td><td>M12 CAT6A M/RJ45 ST/ST PUR GREEN 6.5M</td><td>6500</td></tr><tr><td>1203410578</td><td>E26E06020M100H</td><td>M12 CAT6A M/RJ45 ST/ST PUR GREEN 10M</td><td>10000</td></tr><tr><td>1203410937</td><td>E26E06020M110H</td><td>M12 CAT6A M/RJ45 ST/ST PUR GREEN 11M</td><td>11000</td></tr><tr><td>1203410938</td><td>E26E06020M120H</td><td>M12 CAT6A M/RJ45 ST/ST PUR GREEN 12M</td><td>12000</td></tr><tr><td>1203410939</td><td>E26E06020M130H</td><td>M12 CAT6A M/RJ45 ST/ST PUR GREEN 13M</td><td>13000</td></tr><tr><td>1203410579</td><td>E26E06020M150H</td><td>M12 CAT6A M/RJ45 ST/ST PUR GREEN 15M</td><td>15000</td></tr><tr><td>1203410580</td><td>E26E06020M200H</td><td>M12 CAT6A M/RJ45 ST/ST PUR GREEN 20M</td><td>20000</td></tr><tr><td>1203410583</td><td>E26E06020M230H</td><td>M12 CAT6A M/RJ45 ST/ST PUR GREEN 23M</td><td>23000</td></tr><tr><td>1203410581</td><td>E26E06020M300H</td><td>M12 CAT6A M/RJ45 ST/ST PUR GREEN 30M</td><td>30000</td></tr><tr><td>1203410582</td><td>E26E06020M400H</td><td>M12 CAT6A M/RJ45 ST/ST PUR GREEN 40M</td><td>40000</td></tr><tr><td>1203410974</td><td>E26E06020M450H</td><td>M12 CAT6A M/RJ45 ST/ST PUR GREEN 45M</td><td>45000</td></tr><tr><td>1203410584</td><td>E26E06020M500H</td><td>M12 CAT6A M/RJ45 ST/ST PUR GREEN 50M</td><td>50000</td></tr><tr><td>1203410585</td><td>E26E06020M600H</td><td>M12 CAT6A M/RJ45 ST/ST PUR GREEN 60M</td><td>60000</td></tr><tr><td>1203410976</td><td>E26E06020M650H</td><td>M12 CAT6A M/RJ45 ST/ST PUR GREEN 65M</td><td>65000</td></tr><tr><td>1203410586</td><td>E26E06020M700H</td><td>M12 CAT6A M/RJ45 ST/ST PUR GREEN 70M</td><td>70000</td></tr><tr><td>1203410914</td><td>E26E06020M800H</td><td>M12 CAT6A M/RJ45 ST/ST PUR GREEN 80M</td><td>80000</td></tr><tr><td>1203410977</td><td>E26E06020M850H</td><td>M12 CAT6A M/RJ45 ST/ST PUR GREEN 85M</td><td>85000</td></tr></table>										MOLEX PN	ENGINEERING NO.	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1203410861	E26E06020M250	M12 CAT6A M/RJ45 ST/ST PUR GREEN 25M	25000																																																																																																																																																																														
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