

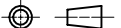
TABLE 1

CONNECTOR SPECIFICATION:

BILL OF MATERIAL

5	CABLE	TPU	GREEN
4	OVERMOULDING	TPU	BLACK
3	COUPLING NUT MA SW13	BRASS	NICKEL PLATED
2	PIN CONTACT	COPPER ALLOY	GOLD OR NICKEL PLATED
1	INSERT	PUR	BLACK
ITEM	DESCRIPTION	MATERIAL	FINISH

[illegible]

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: NEW P/N'S ADDED	molex CSE M12 ETH 4P DC MA MA RA WSOR XM DE										
	mm		1:1													
	GENERAL TOLERANCES (UNLESS SPECIFIED)															
	ANGULAR TOL ± 1.0°		CSE M12 ETH 4P DC MA MA RA WSOR XM DE													
	4 PLACES ±		EC NO: 776660													
	3 PLACES ±		DRWN: RSCHIEBER 2024/02/08													
	2 PLACES ± 0.05		CHK'D: RSILLER 2024/02/09													
	1 PLACE ± 0.3		APPR: RSILLER 2024/02/09													
	0 PLACES ± 0.5		INITIAL REVISION: DRWN: BBRAUCH 2014/10/16 APPR: CBURGER 2014/10/16													
DIVISIONAL SYMBOLS	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION			DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION
					A3-SIZE		120108		SD-120108-073		PSD		001		A3	
								MATERIAL NUMBER		CUSTOMER				SHEET NUMBER		
								SEE CHART 1		GENERAL MARKET				1 OF 2		

E

1

1

A

X

X

X

1

2

X

X

X

X

X

Networ Protocol
E=Ethernet

First and Second Connector
1=M12 Threaded 4 Pole D-code

Wiring Scheme
A=4 Pole

HEAD TYPE
063 Plugs male 90° and plugs male 90°

Cable type
2x2x22AWG
TPU, GREEN, SHIELD

LENGTH UNIT
C-cm
M-m
K-km
F-feet

LENGTH
Example:
010 - 1M
020 - 2M
050 - 5M
100 - 10M

OPTIONS
D- Decoupled (for Shielded version only)

CABLE TYPE	WIRE GAUGE	CABLE JACKET	UL	CSA	static	flexing	drag chain tested	other
CAB-12 4P	0.34mm²	TPU GREEN	STYLE 21215	yes	-40°C to +80°C >5xO.D	-20°C to +60°C >15xO.D	2 mio cycles	WELD SLAG RESISTANCE

NOTES:

TRANSMISSION CHARACTERISTICS ACCORDING TO ISO/IEC 11801 CLASS D CHANNEL,
WITH INSERTION LOSS BEING IGNORED FOR CABLE LENGTHS ≤ 1 m OR ≥ 65 m

FUNCTIONAL SYMBOLS = 0 = 0 = 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: NEW P/N'S ADDED			molex CSE M12 ETH 4P DC MA MA RA WSOR XM DE						
	DIMENSION UNITS								SCALE			
	mm								1:1			
	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 776660 DRWN: RSCHIEBER 2024/02/08 CHK'D: RSILLER 2024/02/09 APPR: RSILLER 2024/02/09 INITIAL REVISION: DRWN: BBRAUCH 2014/10/16 APPR: CBURGER 2014/10/16			DOCUMENT NUMBER			DOC TYPE	DOC PART	REVISION	
	ANGULAR TOL ± 1.0 °					SD-120108-073			PSD	001	A3	
	4 PLACES ±					SEE CHART 1			GENERAL MARKET		SHEET NUMBER	
	3 PLACES ±					A3-SIZE			120108		2 OF 2	
2 PLACES ± 0.05												
1 PLACE ± 0.3												
0 PLACES ± 0.5												
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER					
				A3-SIZE	120108	SEE CHART 1	GENERAL MARKET					