



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					
	mm		1:1												
	GENERAL TOLERANCES (UNLESS SPECIFIED)									CSE M12 ETH 4P DC MA MA RA WSOR XM DE					
	ANGULAR TOL ± 1.0°														
	4 PLACES		±		PRODUCT CUSTOMER DRAWING										
	3 PLACES		±												
	2 PLACES		± 0.05		DOCUMENT NUMBER SD-120108-073					DOC TYPE PSD	DOC PART 001	REVISION A3			
	1 PLACE		± 0.3												
	0 PLACES		± 0.5												
DIVISIONAL SYMBOLS		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
								A3-SIZE	120108	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 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			PRODUCT CUSTOMER DRAWING				
	ANGULAR TOL ± 1.0 °									
	4 PLACES ±									
	3 PLACES ±									
2 PLACES ± 0.05		INITIAL REVISION: DRWN: BBRAUCH 2014/10/16 APPR: CBURGER 2014/10/16			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
1 PLACE ± 0.3					SD-120108-073		PSD	001	A3	
0 PLACES ± 0.5										
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER		SHEET NUMBER	
				A3-SIZE	120108	SEE CHART 1	GENERAL MARKET		2 OF 2	