



TABLE 1

CONNECTOR SPECIFICATION:

BILL OF MATERIAL

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										
	1 PLACE		± 0.3		DOCUMENT NUMBER SD-120108-073			DOC TYPE PSD	DOC PART 001	REVISION A3			
	0 PLACES		± 0.5										
DIVISIONAL SYMBOLS		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING A3-SIZE	SERIES 120108	MATERIAL NUMBER SEE CHART 1		CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 2	

MOLEX PN	ENGINEERING NO	L+Tol.[mm]
1201088515	E11A06312M003	300
1201080508	E11A06312M010	1000
1201080509	E11A06312M020	2000
1201088725	E11A06312M030	3000
1201089187	E11A06312M040	4000
1201080510	E11A06312M050	5000
1201089188	E11A06312M060	6000
1201089189	E11A06312M070	7000
1201089190	E11A06312M080	8000
1201080511	E11A06312M100	10000
1201089191	E11A06312M120	12000
1201089192	E11A06312M140	14000
1201089193	E11A06312M150	15000
1201089194	E11A06312M180	18000
1201088726	E11A06312M200	20000
1201089195	E11A06312M230	23000
1201089196	E11A06312M270	27000
1201089197	E11A06312M300	30000
1201089198	E11A06312M340	34000
1201089199	E11A06312M380	38000
1201089200	E11A06312M420	42000
1201089201	E11A06312M460	46000
1201089202	E11A06312M500	50000
1201089203	E11A06312M540	54000
1201089204	E11A06312M570	57000

[illegible]

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 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		
	3 PLACES ±					A3-SIZE			120108		
2 PLACES ± 0.05		THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER		SHEET NUMBER		
1 PLACE ± 0.3				A3-SIZE	120108	SEE CHART 1	GENERAL MARKET		2 OF 2		
0 PLACES ± 0.5											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS											