

PART No MATRIX

E	1	7	A	0	6	0	1	1	M	X	X	X	X
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E=ETHERNET

HEADS:
1=M12 D-Coding
7=RJ45 PUSHPULL
PLUG

HEADS STYLE:
060= MALE STR / MALE STR

WIRING TYPE:
A=4 Pole (STRAIGHT WIRED)

CABLE TYPE

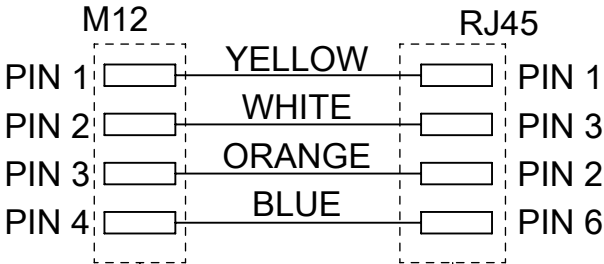
UNITS :
M= METER
T=10x METER

LENGTH EXAMPLES:
005=0.5
010=1
150=15

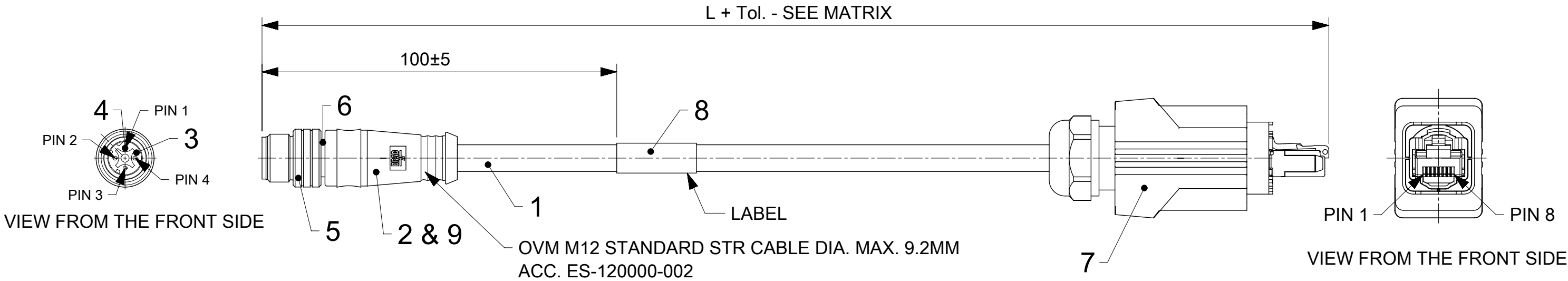
OPTIONS

H= 2 PCS. OF I/D Carrier

WIRING DIAGRAM



SHIELD CONNECTED TO THE HOUSING



NOTES:

- 1) MATERIAL : SEE TABLE
- 2) FINISHES : SEE TABLE
- 3) CABLE : #22x2x2 SHIELDED PUR
- 4) ELECTRICAL DATA:
ACCORDING TO ETHERNET STANDARD
MAX. VOLTAGE : 30V
MAX. CURRENT : 1.5A
- 5) ENVIRONMENTAL :
PROTECTION CLASS RJ45 : IP20
PROTECTION CLASS M12 : IP67 in mated and locked position
OPERATING TEMPERATURE : -25°C TO +85°C
- 6) WRAP LABEL IS MARKED WITH P/N DATE CODE,
VOLTAGE & AMPERAGE.
- 7) ASSEMBLY IS RoHS COMPLIANT.

BOM

8	1	LABEL WRAP	VINYL	YELLOW
7	1	RJ45 Push Pull Plug Connector	-	-
6	1	M12 SHIELD SLEEVE	BRASS	NICKEL PLATED
5	1	COUPLING NUT M12 MA	BRASS	NICKEL PLATED
4	4	CONTACT 10 MA	BRONZE	GOLD OVER NICKEL PLATED
3	1	INSERT M12 MA 4P DC	PUR	BLACK
2	-	MOULDING MATERIAL	TPU	BLACK
1	-	CABLE 2x2x22AWG	PUR	GREEN
ITEM	QTY	DESCRIPTION	MATERIAL	FINISH/COLOR

CABLE LENGTH TOLERANCES	
LENGTH	TOLERANCE
0m-1m	+40 mm
>1m-5m	+60 mm
>5m-10m	+80 mm
>10m-20m	+140 mm
>20m-30m	+160 mm
>30m	+1% length

FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
	0	mm	1:1
	0	GENERAL TOLERANCES (UNLESS SPECIFIED)	
	0	ANGULAR TOL ± 0.5 °	
DIVISIONAL SYMBOLS	4 PLACES	±	
	3 PLACES	±	
	2 PLACES	± 0.13	
	1 PLACE	± 0.25	
	0 PLACES	±	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING
			A3-SIZE
		SERIES	120108
		MATERIAL NUMBER	SEE MATRIX
		CUSTOMER	GENERAL MARKET
		SHEET NUMBER	1 OF 2

