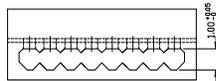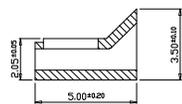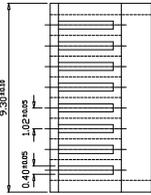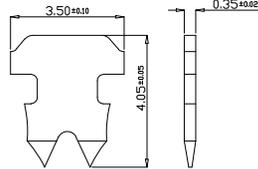THIS IS A C.A.D. GENERATED DRAWING
DO NOT MAKE MANUAL REVISIONS TO MASTER.

LOAD BAR 1.0 mm

CONTACT
2 PRONGS FOR STRANDED WIRE

BOOT

no/cable clamp & no/shield
MHRJ C6 R 1 XNX

no/cable clamp & w/shield
MHRJ C6 R 1 X1X

w/cable clamp & w/shield
MHRJ C6 R 1 X2X
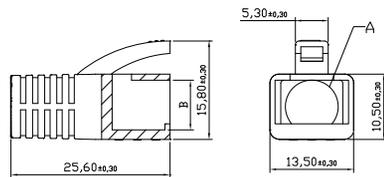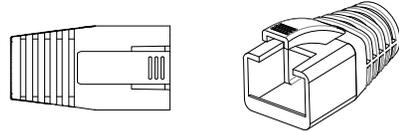
A Dim m/m	B Dim m/m
5.5±0.10	8.0±0.10
6.0±0.10	8.0±0.10
6.5±0.10	8.0±0.10
7.0±0.10	8.0±0.10
7.5±0.10	8.0±0.10
8.0±0.10	8.0±0.10
8.5±0.10	8.0±0.10

MHRJ	C6	R	1	X	X	X
RJ - Plug	C6 - Cat6	R – Round Cable	1 – 0.90-1.00mm wire Insulator OD			

#	Type	Recommended Cable OD (limited by connector)
1	Conn plug only	4.5 – 6.3mm
2		5.9-8.5mm

#	Type	Recommended Cable OD (limited by Boot)
3	Conn Plug + Boot kit	Up to 6.0mm
4		Up to 6.5mm
5		Up to 7.0mm
6		Up to 7.5mm
7		Up to 8.0mm
8		Up to 8.5mm

N – No Cable Clamp, Unshielded
1 – No Cable Clamp, Shielded
2 – Cable Clamp, Shielded

#	Boot Color
N	No Boot Included
1	Black
2	Blue
3	Dark Grey
4	Green
5	Light Grey
6	Purple
7	Red
8	Yellow
9	White

NOTES:
ELECTRICAL:
1. Voltage Rating: 250V AC max
2. Current Rating: 2A
3. Contact Resistance: 20mΩ max
4. Insulation Resistance: 500MΩ min
5. Dielectric Withstanding Voltage: 1000 VDC/min, < 0.5A
MECHANICAL:
1. Housing Material: Polycarbonate (PC), UL94V-2, Color - Clear
2. Shielding Material: Brass with Nickel Plating
3. Contact: Material: Phosphor Bronze
   Plating: Gold 50μ" (≥1.27μm) over Nickel 50μ" (≥1.27μm)
4. Load Bar Material: Polycarbonate (PC), UL94V-2
5. Wire: 23-26 AWG
6. Mating Cycles: 2000
7. Boot Material: PVC
ENVIRONMENTAL:
1. Operating Temperature: -40°C to +125°C

REACH & FCC compliant

THIS SERIES FULLY CONFORMS TO THE EUROPEAN UNION DIRECTIVES 2015/863/EU AND 2011/65/EU FOR RoHS COMPLIANCY.

RoHS COMPLIANT

MH CONNECTORS

MH 8P8C RJ45 Cat6 MOD PLUG

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DRAWN	E.P.	DATE 14-03-24
APPROVED	C.R.	DATE 14-03-24

SCALE	SHEET 1 OF 1	REV: 1
DRAWING No	MHRJC6R1XXX	

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