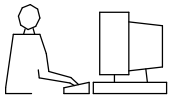
THIS IS A C.A.D. GENERATED DRAWING
DO NOT MAKE MANUAL REVISIONS TO MASTER.



MHRJJ	C6	NF	X	X	X
RJ - Jack	**C6** - Cat6	**NF** – No Flange	**R** – Right Angle	**N** – Unshielded	**1** – 6µ" gold plate
			V – Vertical	**S** – Shielded	**2** – 15µ" gold plate
					3 – 30µ" gold plate
					4 – 50µ" gold plate

CATEGORY 6 CHARACTERISTICS:

Frequence	Near-End Cross Talk dB, MIN.	Return Loos dB, MIN.	Attenuation dB, MAX.
1.0 MHZ	75.0	35.5	0.1
4.0 MHZ	75.0	35.5	0.1
10.0 MHZ	74.0	35.5	0.1
16.0 MHZ	69.9	35.5	0.1
25.0 MHZ	66.0	35.5	0.1
1.25 MHZ	64.1	34.1	0.1
62.5 MHZ	58.1	28.1	0.1
100.0 MHZ	54.0	24.0	0.2
200.0 MHZ	48.0	18.0	0.3
250.0 MHZ	46.0	16.0	0.3

NOTES:

ELECTRICAL:

1. Voltage Rating: 125 VAC
2. Current Rating: 1.5 A
3. Contact Resistance: 35 mΩ max
4. Insulation Resistance: 1000 MΩ @ 500 VDC min
5. Dielectric Withstanding Voltage: 1000 VAC 60Hz, 1MIN

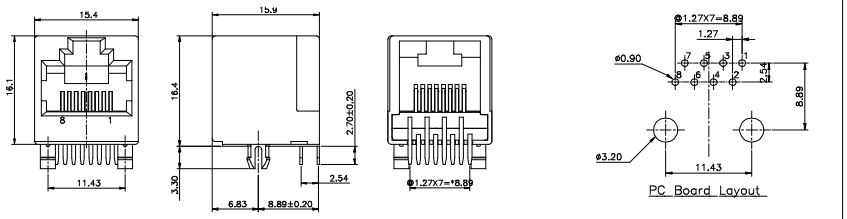
MECHANICAL:

1. Housing Material: Glass Filled Polyester UL94V-0, Color - Black
2. Shielding Material: Copper Alloy T=0.20mm, Nickel Plating
3. Contact: Material: Phosphor Bronze
   Plating: Selective Gold Plating over Nickel
4. Mounting Type: Through Hole Solder
5. Mounting Direction: Vertical or Right Angle
6. Mounting Feature: Boardlock
7. Mating Cycles: 750 Min
8. PCB Retention Force Pre-Solder: 1 lb min
9. PCB Retention Force Post-Solder: 10 lb min

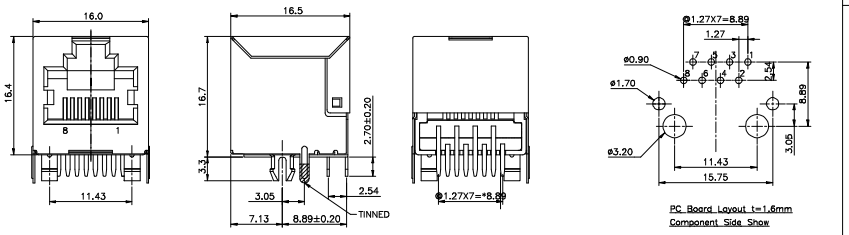
ENVIRONMENTAL:

1. Operating Temperature: -40ºC to +85ºC

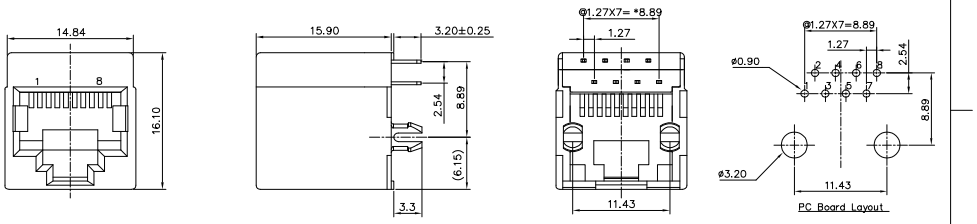
MATES WITH MODULAR PLUG CONFORMING TO FCC PART 68, SUBPART F
REACH & FCC compliant



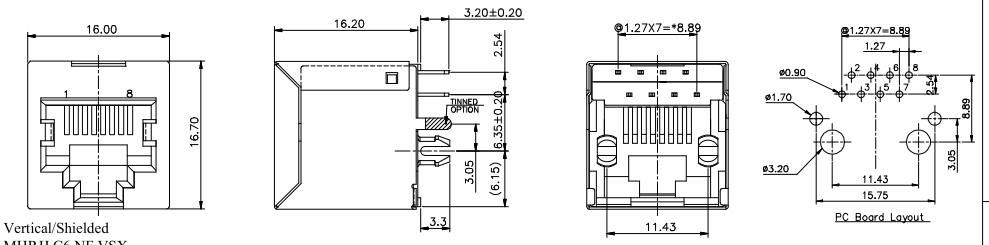
RA/Unshielded
MHRJJ C6 NF RNX



RA/Shielded
MHRJJ C6 NF RSX



Vertical/Unshielded
MHRJJ C6 NF VNX



Vertical/Shielded
MHRJJ C6 NF VSX

THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF MH CONNECTORS AND SHALL NOT BE REPRODUCED, COPIED OR USED AS THE BASIS FOR THE MANUFACTURE OR SALE OF APPARATUS WITHOUT WRITTEN PERMISSION.

DRAWN	E.P.	DATE	14-03-24
APPROVED	C.R.	DATE	14-03-24
SCALE	SHEET 1 OF 1	REV:	1
DRAWING No	MHRJJC6NFXXX		

RoHS COMPLIANT

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

MH CONNECTORS

MH 8P8C RJ45 Cat6 MOD JACK