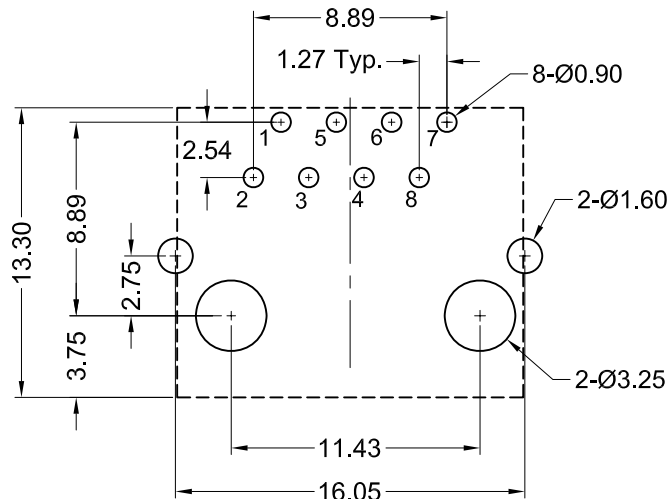
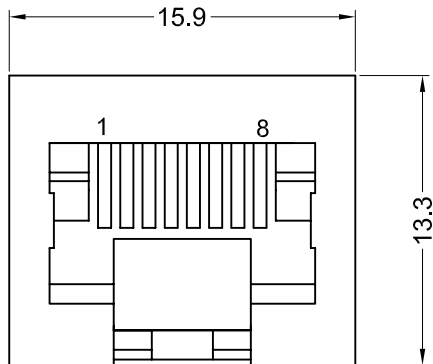
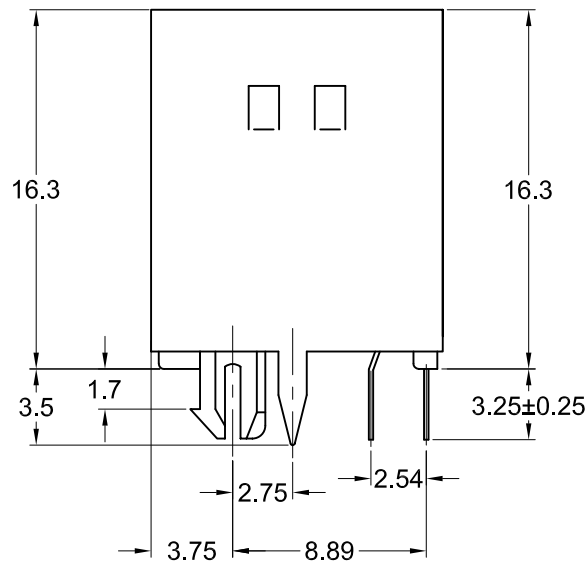
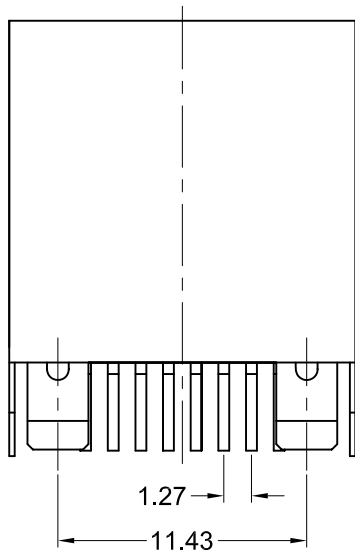




Recommended PCB Layout  
(Top View)



| Part Number  | Contact Area Plating Finish |
|--------------|-----------------------------|
| GDTX-S-88    | 15u" Gold (standard)        |
| GDTX-S-88-50 | 50u" Gold (50 option)       |

## Materials and Finish

Housing Material- PBT, 30% Glass-Filled,  
UL 94V-0 Rated, Color: Gray

Shield: 0.25mm thick  
Copper alloy, Nickel plated

Design meets UL 1863 Sec. 8  
Electrical Probe and Sec. 20  
Child Finger test requirements

Contact Material- Phosphor Bronze

Contact Plating Options-  
Standard: 0.0001" Nickel Underplating,  
Selectively Plated Gold Flash  
on Contact Area, Tin  
on Termination End

50 Option: 0.0001" Nickel Underplating,  
Selectively Plated 0.000050"  
Gold on Contact Area to  
Comply with FCC Requirements  
Under No. 47 C.F.R. Part 68,  
Subpart F, Tin on termination end

## Electrical Characteristics

Current Rating- 1.5 Amps

Voltage Rating- 125V DC

Insulation Resistance- 500 Megohms. min.

Dielectric Withstanding Voltage-  
1000V rms, 60Hz For 1 Minute

Contact Resistance- 20 milliohms Max.

Operating Temperature- -40°C to +85°C

Durability Rating- 500 mating cycles min.

## Electrical Performance

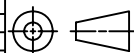
Category 5 100MHz Bandwidth Performance  
Performance meets near end crosstalk (NEXT)  
Requirements of -40dB @ 100MHz per  
EIA/TIA 568A in applications where UL  
Approved Category 5 cable (GA27-3773-1)  
is used

Shielded types offer 20dB shielding from  
30MHz to 300MHz



| Tolerances                 |
|----------------------------|
| X.X ± 0.25                 |
| X.XX ± 0.15                |
| Unless Stated<br>Otherwise |

| REV. | DATE     | DESCRIPTION | REV. BY    | CHK. BY | DRAWN BY   | DATE     |
|------|----------|-------------|------------|---------|------------|----------|
| A1   | 05/20/05 | New Drawing | R. Aguirre | H. MA   | R. Aguirre | 05/20/05 |
| A2   | 3/4/08   | ECO #08-030 | R. Aguirre | H. MA   |            |          |
| A3   | 05/12/10 | ECO #10-025 | S. Vien    | H. MA   |            |          |
| A4   | 10/1/10  | ECO #10-076 | S. Vien    | H. MA   |            |          |
|      |          |             |            |         |            |          |
|      |          |             |            |         |            |          |
|      |          |             |            |         |            |          |



**GDTX-S-88**

Vertical Modular Jack, RoHS Compliant

8 position, 8 contacts, Through Hole



# Mouser Electronics

Authorized Distributor

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[Kycon:](#)

[GDTX-S-88](#) [GDTX-S-88-50](#)