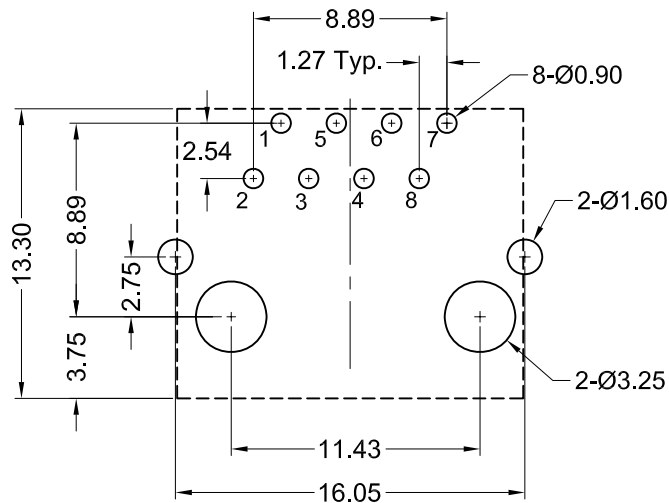
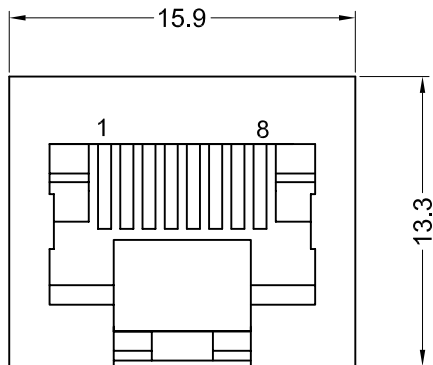
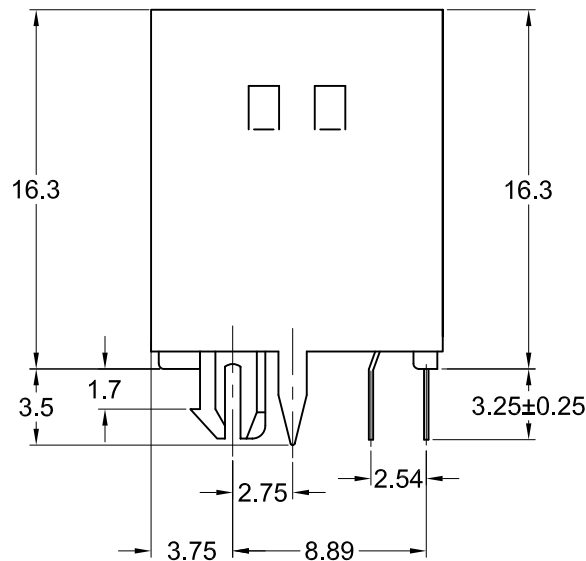
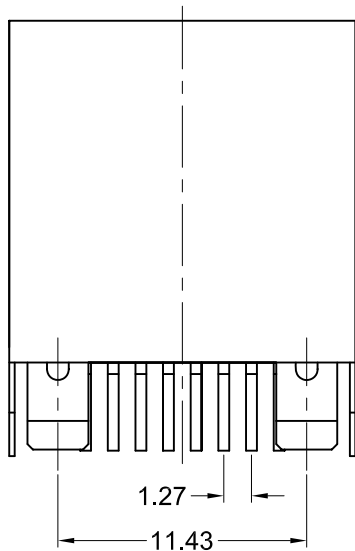


Recommended PCB Layout
(Top View)

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

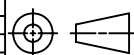
Durability Rating- 500 mating cycles min.

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

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		



mm

GDTX-S-88

Vertical Modular Jack, RoHS Compliant

8 position, 8 contacts, Through Hole



Tolerances
X.X ± 0.25
X.XX ± 0.15
Unless Stated Otherwise



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Kycon:](#)

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