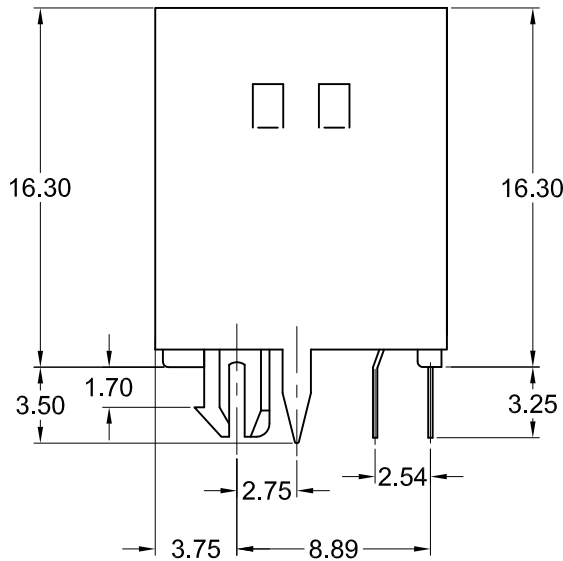
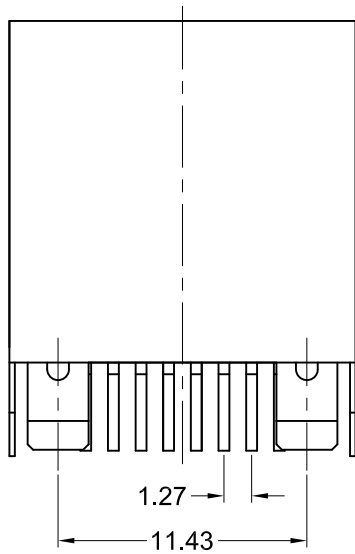


Recommended PCB Layout (Top View)



Part Number	Contact Area Plating Finish
GDTX-S-88	Gold Flash (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 ± 0.38
X.XX ± 0.25
Unless Stated Otherwise



REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A2	3/4/08	ECO #08-030	R. Aguirre	H. MA	R. Aguirre	05/20/05
A3	05/12/10	ECO #10-025	S. Vien	H. MA		
A4	10/1/10	ECO #10-076	S. Vien	H. MA		
A5	05/08/15	ECO #15-001	H. MA	C. Furumasu		
A6	05/23/17	ECO #17-014	H. MA	C. Furumasu	UNITS	mm
A7	08/15/17	ECO #17-024	J. Elbanna	C. Kelleher		

**GDTX-S-88**

Vertical Modular Jack, RoHS Compliant

8 position, 8 contacts, Through Hole

