


RECOMMENDED PCB LAYOUT  
TOLERANCE: ±0.05 (TOP VIEW)

|     |  |       |          | TOLERANCE   |         | <br><small>1015 GRANT STREET S.E. ATLANTA, GA 30315</small><br>a Genesis Electro-Mechanical Company |         | TITLE: RJ 45 8 Position Shielded LED Side Entry Jack |              |          |             |        |       |     |
|-----|--|-------|----------|-------------|---------|--|---------|--|--------------|----------|-------------|--------|-------|-----|
|     |  |       |          | LINEAR      | ANGLES  |  |         | PART NO.   | RJ45-T01D2XX |          |             |        |       |     |
| [C] | CORRECTED PLATING NOTES & DWG ADDED LOGO & DATE CODE | Kevin | 11/22/10 | X. ±        | X° ±    | APPD:  | MAT'L:  |  |              | DWG NO.  | GTI08-30167 |        |       |     |
| [B] | CORRECTED PLATING NOTES ADDED RoHs 6/6 COMPLIANT     | FOX   | 3/31/10  | .X ± 0.40   | .X° ±   | CHKD:  | FINISH: |  |              | [Symbol] | UNITS       | SCALE  | SHEET | REV |
| [A] | ISSUED   | SWL   | 6/19/07  | .XX ± 0.30  | .XX° ±  | DRWN: Kevin  | Q'TY:   |  |              | MM       | NONE        | 1 OF 1 | C     |     |
| REV | ECN NO.  | NAME  | DATE     | .XXX ± 0.20 | .XXX° ± |  |         |  |              |          |             |        |       |     |

LED CHART

|   | Left LED |         | Right LED |         |
|---|----------|---------|-----------|---------|
|   | -L3/+L4  | +L3/-L4 | -L1/+L2   | +L1/-L2 |
| 0 | w/o      | w/o     | w/o       | w/o     |
| 1 | Green    |         | Yellow    |         |
| 2 |          | Green   |           | Yellow  |
| 3 | Green    |         | Green     | Yellow  |
| 4 | Yellow   |         | Green     |         |
| 5 |          | Green   | Yellow    | Green   |
| 6 | Green    | Orange  | Yellow    |         |
| 7 | Yellow   |         | Green     | Orange  |
| 8 | Yellow   |         | Orange    | Green   |
| 9 | Green    | Orange  | Green     |         |
| B |          | Yellow  |           | Green   |
| C | Green    |         | Green     |         |
| D | Green    | Yellow  | Green     | Yellow  |

**C**

Ordering Information:

RJ 45-T 01 D 2 XX

Plating: (Plating for stamping contacts)

S1 = Gold Flash

S2 = 5u"

S3 = 10u"

S4 = 15u"

S5 = 30u"

S6 = 50u"

S7 = Special Plating Request by Customer

Led Configuration:

See LED Chart

Tooling Family

Number of Ports

Mounting Type:

V = Vertical

T = R/A tab up

D = R/A tab down

U = Multiple ports Stacked two rows

C = Combo type

RJ45 Series:

MATERIALS:

· HOUSING-DSM STANYL TE250F6 (NYLON-46)

HEAT DEFLECTION TEMP.290°

BLACK COLOR,UL94V-0

· CONTACTS-0.35mm THICK PHOS-BRONZE PLATED

WITH HARD GOLD IN CONTACT AREA AND GOLD FLASH IN

SOLDER AREA ALL UNDER PLATED WITH 15u" Min. NICKEL **C**

· SHIELD-0.25mm THICK COPPER ALLOY,

**B** PLATED 20u" Min. NICKEL

ELECTRICAL:

INSULATION RESISTANCE: 500 MEGOHMS MINIMUM

CURRENT RATING: 1 AMPS

VOLTAGE RATING: 1.5 VOLTS

LED FAILINGS:

FORWARD DC CURRENT: 20mA

FORWARD VOLTAGE: 2.2 VOLTS TYPICAL

CAVITY CONFIRMS TO FCC RULES AND REGULATIONS

PART 68,SUBPART F.

**B** RoHs 6/6 COMPLIANT.

|        |             |
|--------|-------------|
| SHEET  | REVISION    |
| 2 OF 2 | SEE SHEET 1 |