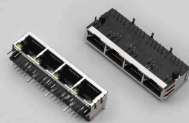


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Technical Discription

Electrical

Current Rating: 1,5A
 Voltage Rating: 125VAC
 Insulation Resistance: 500M Ω min.
 Contact Resistance: 30M Ω max.
 Withstanding Voltage: AC1000V RMS 50/60Hz 1min.

Mechanical

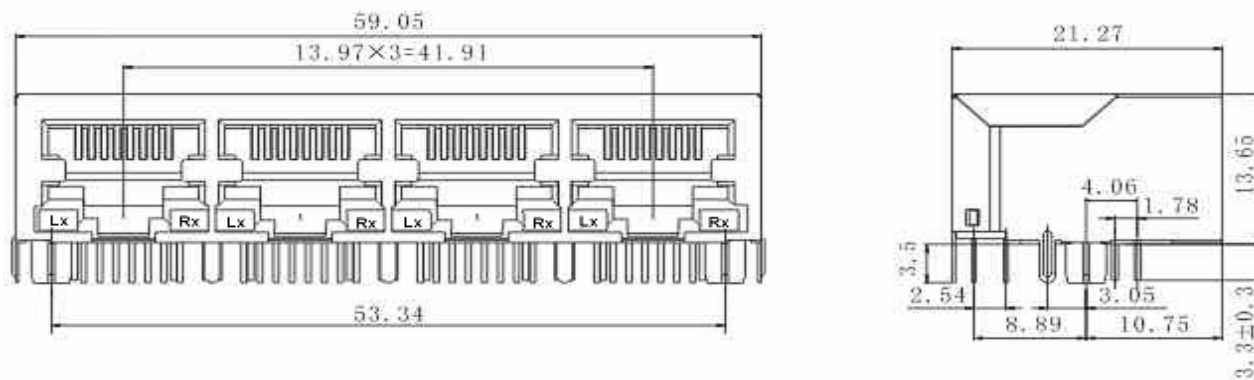
Insertion Force: 2,2Kg.F.max.
 Retention Strength: 7,7Kg.F min.between jack a. plug
 Durability: 600 mating cycles min.

Material

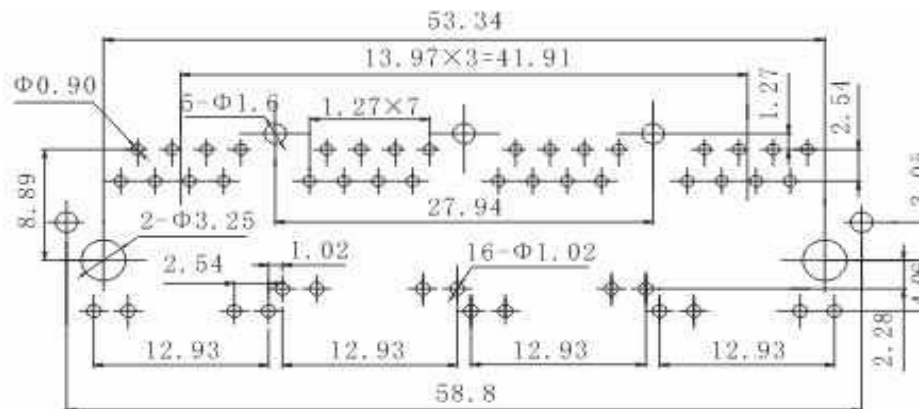
Housing: ABS RESIN (UL94V-0)
 PBT(UL94V-0 PA66(UÖ94V-0)
 PA46(UL94V-0)
 Diameter 0,45mm Phosphor
 Bronze Gold Plating over Nickel
 Contact wire: 0,35mm thickness phosphor
 bronze alloy selective Gold plating
 over nickel
 Shield 0,20~0,25mm thickness brass with
 tin plated
 Contact Plating Gold Flash, 3 μ / 6 μ / 15 μ / 30 μ 50 μ
 inch

Working Temperatur . -40°C ~ +70°C

Technical Drawing



PCB Layout



**LED PCB Modular Jack with
Transformer shielded**

Part No.: **T91A21007**

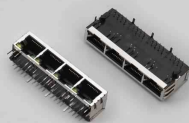
Customer:

| | | | | | | | | | |
|-------|-------|------|------|--------|------|-----------|-----------|------|------------|
| DRW: | John | CHKD | Tony | MATL: | Tony | TOLERANCE | Su | DATE | 10.04.2009 |
| APPD: | Jimmy | | | FINISH | Jeff | | Sheet No. | | 1 from 3 |

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Ordering Informations

| Serie | No. Of. Positions | No. Of Contact | Left Side LED | Right Side LED | Contact Plating | ROHS | Packing | | | |
|------------------|-------------------|----------------|---------------|----------------|-----------------|----------|-----------|--|--|--|
| T91A21007 | 8 | 8 | LC | RB | GF | R | TY | | | |

| | | | | | | |
|-----------------|---------------------------|-------------------|-------------------|----------------------------|----------------------------|-------------------------|
| 8= 8Pos. | 8= Pos. connecting | LA= Red | RA= Red | GF= Gold Flash | R= ROHS conform | TY= Tray Packing |
| | | LB= Green | RB= Green | GA= 3μGold Plating | N= NON ROHS conform | BU= Bulk-Ware |
| | | LC= Yellow | RC= Yellow | GB= 6μGold Plating | | |
| | | | | GC= 15μGold Plating | | |
| | | | | GD= 30μGold Plating | | |
| | | | | GE= 50μGold Plating | | |

| | |
|---|------------------|
| LED PCB Modular Jack with Transformer shielded | |
| Part No.: | T91A21007 |
| Customer: | |

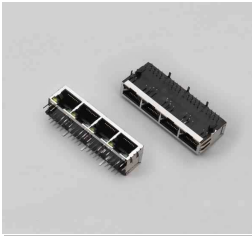
| | | | | | | | | | |
|-------|-------|------|------|--------|------|-----------|-----------|------|------------|
| DRW: | John | CHKD | Tony | MATL: | Tony | TOLERANCE | Su | DATE | 10.04.2009 |
| APPD: | Jimmy | | | FINISH | Jeff | | Sheet No. | | 2 from 3 |

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Soldering Profile Curve

Lead Free Soldering Curve

Classification Reflow Profile (JEDEC J-STD-020C)



| | |
|---|------------------|
| LED PCB Modular Jack with Transformer shielded | |
| Part No.: | T91A21007 |
| Customer: | |

| | | | | | | | | | |
|-------|-------|------|------|--------|------|-----------|-----------|----------|------------|
| DRW: | John | CHKD | Tony | MATL: | Tony | TOLERANCE | Su | DATE | 10.04.2009 |
| APPD: | Jimmy | | | FINISH | Jeff | | Sheet No. | 3 from 3 | |