

EDCON-COMPONENTS



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.

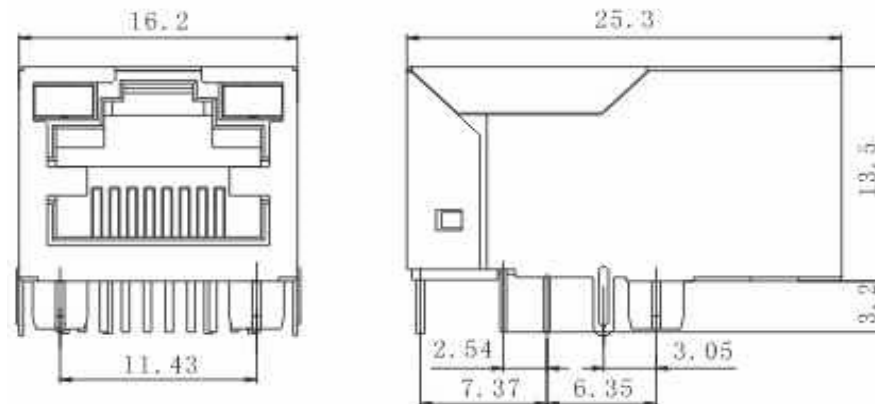
Mechanical

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

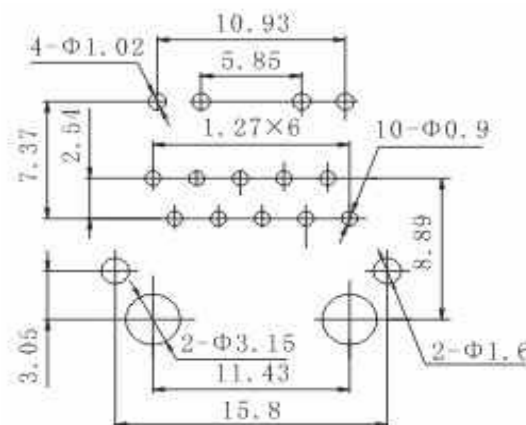
Material

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.: **T91A21001**

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			
T91A21001	1	1	LC	RB	GF	R	TY			

1= 10Pos.	1= 10Pos. connecting	LA= Red	RA= Red	GF= Gold Flash	R= ROHS conform	TY= Tray Packing
		LB= Green	RB= Green	GA= 3µGold Plating		
		LC= Yellow	RC= Yellow	GB= 6µGold Plating		
				GC= 15µGold Plating		
				GD= 30µGold Plating		
				GE= 50µGold Plating		

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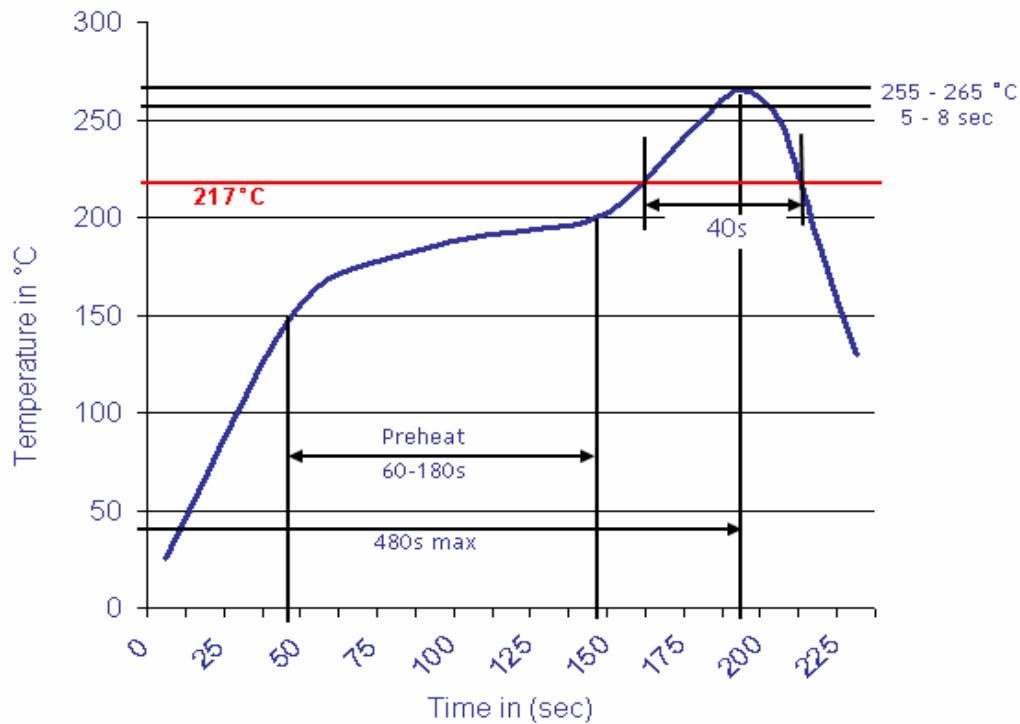
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Soldering Profile Curve

Lead Free Soldering Curve

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



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