

# EDCON-COMPONENTS



## Technical Discription

### Electrical

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

### Mechanical

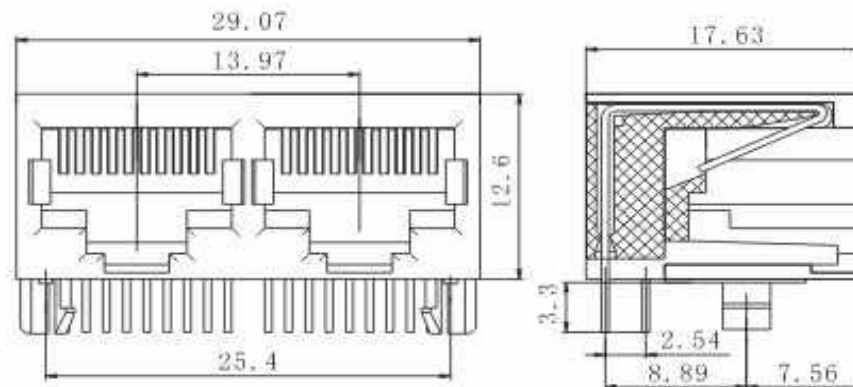
Insertion Force: 2,2Kg.F.max.  
 Retention Strength: 7,7Kg.F min.beetween jack a. plug  
 Durability: 600 mating cycles min.

### Material

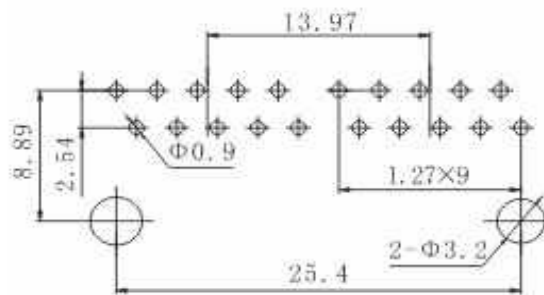
Housing: ABS RESIN (UL94V-0)  
 PBT(UL94V-0 PA66(UÖ94V-0)  
 PA46(UL94V-0)  
 Diameter 0,45mm Phosphor  
 Bronze Gold Plating over Nickel  
 Contact wire: 0,35mm thickness phosphor  
 bronze alloy selective Gold plating  
 over nickel  
 Shield 0,20~0,25mm thickness brass with  
 tin plated  
 Contact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

Working Temperatur . -40°C ~ +70°C

## Technical Drawing



## PCB Layout



**PCB Modular Jack w/o  
shield w/o flange**

**T91A23037**

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

[www.edcon-components.com](http://www.edcon-components.com)

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## Ordering Informations

Serie	No. Of. Positions	No. Of Contact	Contact Plating	Housing Material	ROHS	Packing				
<b>T91A23037</b>	<b>1</b>	<b>1</b>	<b>GF</b>	<b>PB</b>	<b>R</b>	<b>TY</b>				

<b>1</b> = 10Pos.	<b>1</b> = 1Pos. connecting	<b>GF</b> = Gold Flash	<b>PB</b> = PBT	<b>R</b> = ROHS conform	<b>TY</b> = Tray Packing
		<b>GA</b> = 3 $\mu$ Gold Plating	<b>P4</b> = PA46	<b>N</b> = NON ROHS conform	<b>BU</b> = Bulk-Ware
		<b>GB</b> = 6 $\mu$ Gold Plating	<b>P6</b> = PA66		
		<b>GC</b> = 15 $\mu$ Gold Plating	<b>AB</b> = ABS		
		<b>GD</b> = 30 $\mu$ Gold Plating			
		<b>GE</b> = 50 $\mu$ Gold Plating			

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## EDCON-COMPONENTS



**Soldering Profile Curve**

**Lead Free Soldering Curve**

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



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