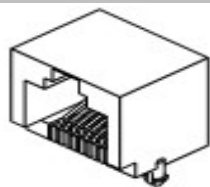


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Technical Description

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)

Contact wire: Diameter 0,45mm Phosphor Bronze
 Gold Plating over Nickel 0,35mm
 thickness phosphor bronze alloy
 selective Gold plating over nickel

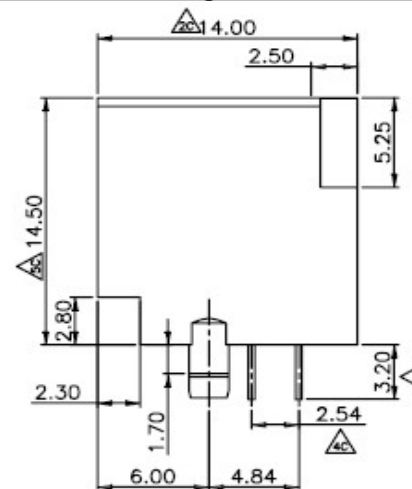
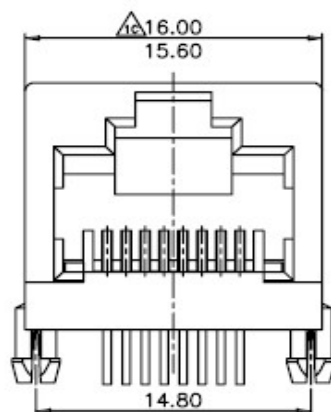
Shield: 0,20~0,25mm thickness brass with tin
 plated

Contact Plating: Gold Flash, 3 μ / 6 μ / 15 μ / 30 μ 50 μ
 inch

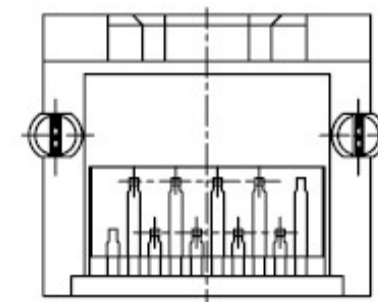
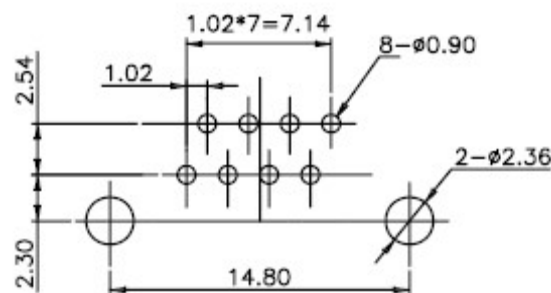
Working Temperatur: -20°C ~ +70°C

Storage Temperatur: -40°C ~ +85°C

Technical Drawing



PCB Layout



PCB Modular Jack w/o flange Side Entry

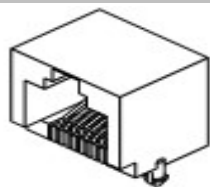
Part No.: **T91A11082-**

DRW:	John	CHKD	Tony	MATL:	Tony	TOLERANCE	Su	DATE	09.04.2023
APPD:	Jimmy			FINISH	Jeff		Sheet No.	1 from 3	Customer:

www.edcon-components.com

email: info@edcon-components.com

EDCON-COMPONENTS



Ordering Informations

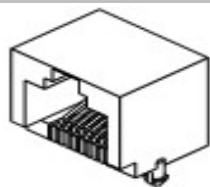
Serie	No. Of Positions	No. Of Contact	Contact Plating	Special Function	ROHS	Packing				
T91A11082-	8	8	GF	N	R	TY				

8= 8Pos.	2= 2 Pos. connecting	GF= Gold Flash	N= No Special	R= ROHS conform	TY= Tray Packing
	4= 4 Pos. connecting	GA= 3 μ Gold Plating		N= NON ROHS conform	BU= Bulk-Ware
	6= 6 Pos. connecting	GB= 6 μ Gold Plating			
	8= 8 Pos. connecting	GC= 15 μ Gold Plating			
		GD= 30 μ Gold Plating			
		GE= 50 μ Gold Plating			

**PCB Modular Jack w/o
flange Side Entry**

Part No.: **T91A11082-**

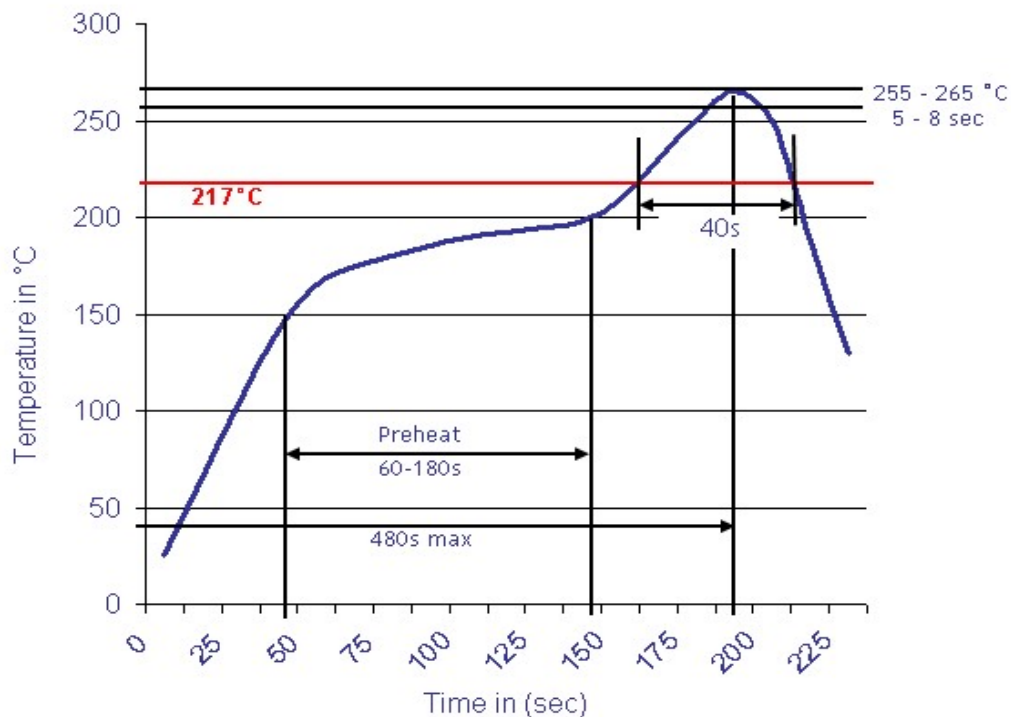
DRW:	John	CHKD	Tony	MATL:	Tony	TOLERANCE	Su	DATE	09.04.2023	Customer:
APPD:	Jimmy			FINISH	Jeff		Sheet No.	2 from 3		



Soldering Profile Curve

Lead Free Soldering Curve

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



**PCB Modular Jack w/o
flange Side Entry**

Part No.: **T91A11082-**

DRW:	John	CHKD	Tony	MATL:	Tony	TOLERANCE	Su	DATE	09.04.2023
APPD:	Jimmy			FINISH	Jeff		Sheet No.	3 from 3	

Customer: