

**Recommended PCB Layout**  
As viewed from component side

□ Component Outline

**Specification :**

**Material:**

Housing: High Temp Nylon UL94V-0 or  
Glass Filled Polyester, Black  
Contact: Phosphor Bronze 0.35mm Thickness

Plating: Gold Plating over Nickel

**Electrical:**

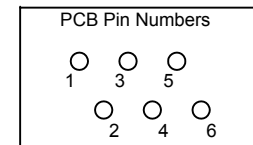
Voltage Rating: 125 V AC (RMS)  
Current Rating: 1.5 Amp  
Contact Resistance: 35mΩ Max.  
Insulation Resistance: 1000MΩ Min. @ 500 VDC  
Dielectric Strength: 1000 VAC RMS 60Hz, 1 Min.

**Mechanical & Environmental :**

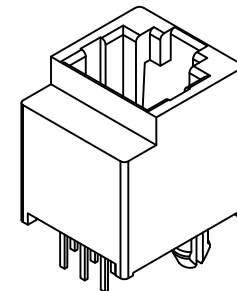
Operating Life : 750 Cycles Min.  
PCB Retention Force After Solder: 10 LBS Min.  
Storage Temperature : -40°C to +85°C  
Operation Temperature: -40°C to +85°C

Dimension Table		
No. Of Positions	Positions Loaded	Dim. B
6	2	1.27
6	4	3.81
6	6	6.35

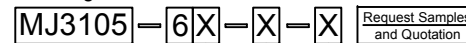
**6 Positions Loaded Layout**



For 4 Positions Loaded Remove Pins 1&6  
For 2 Positions Loaded Remove Pins 1,2,5&6



**Ordering Grid**



No. of Positions/ Positions Loaded

- 2 = 6/2
- 4 = 6/4
- 6 = 6/6

Contact Plating

- 2 = 6μ" Gold (Standard)
- 4 = 30μ" Gold

Insulator Material

- N = High Temp Nylon (Standard)
- P = Glass Filled Polyester

Part Number		Product Description			This drawing is confidential and copyright of Global Connector Technology, Ltd (GCT). This drawing must not be copied or disclosed without written consent. E & OE
MJ3105 6 Position		Modular Jack Connector			
Drawing Date		6 Position, Category 3, Vertical, Through Hole			
21st April 2010					<a href="http://www.gct.co">www.gct.co</a>
By	CC	Tolerances (Except as Noted)	Units:		
Detail	MJ3105 B PCN	Length X.X ± 0.20	Metric (mm)		
Revision	B1	Angle X.XX ± 0.15	± 5°		
Date	11/08/17	X.XXX ± 0.10			

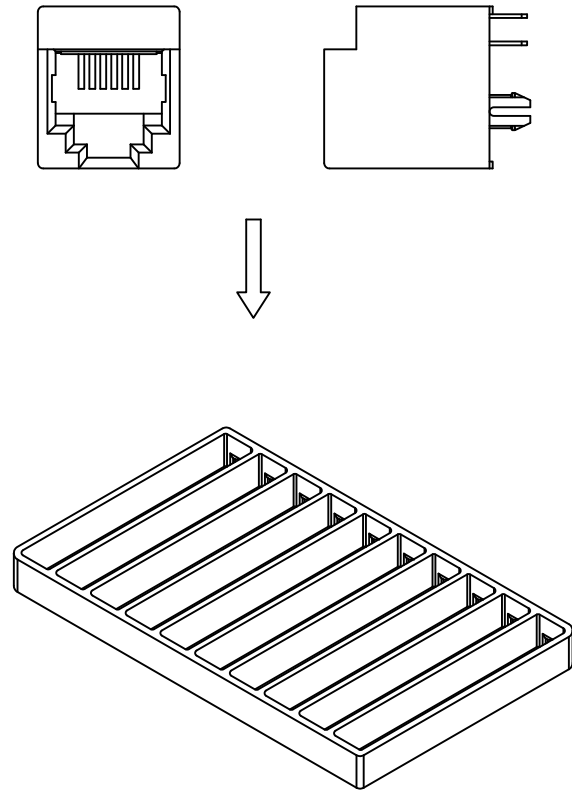


Not to Scale | Drawn By PKN | Sheet No. 1/2

1. Packing Material - Tray 1 PC

Quantity - 1\*120=120 PCS

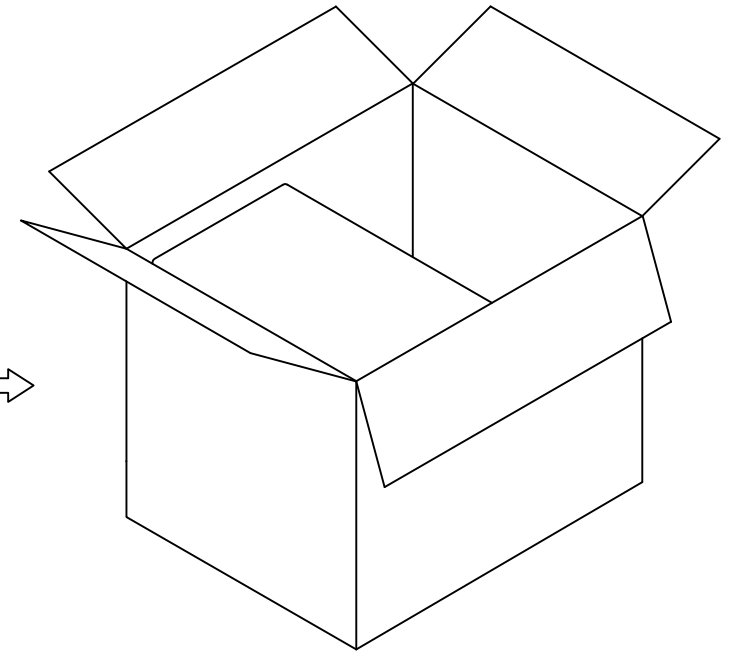
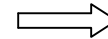
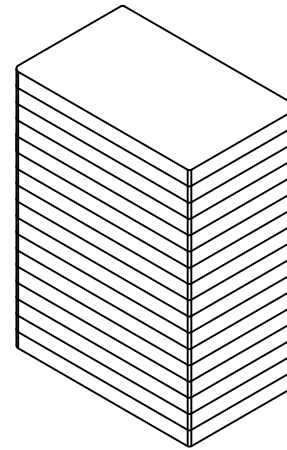
Tray: Body and Cover - 1PC Each  
Label - 1 PC






2. Packing Material - Carton - 380\*315\*290 - 1 PC

Quantity - 120\*34=4080 PCS

Part Number	Net Weight	Gross Weight	Q'TY
MJ3105-62-X-X	10.6Kg	12.9Kg	4080
MJ3105-64-X-X	11.5Kg	13.5Kg	4080
MJ3105-66-X-X	12.0Kg	14.0Kg	4080



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MJ3105 6 Position		Modular Jack Connector		
21st April 2010		6 Position, Category 3, Vertical, Through Hole		
By	CC	Tolerances (Except as Noted)	Units:	This drawing is confidential and copyright of Global Connector Technology, Ltd (GCT). This drawing must not be copied or disclosed without written consent. E & OE
Detail	MJ3105 B PCN	Length	Metric (mm)	
Revision	B1	Angle	 3rd Angle Projection	
Date	11/08/17	X.X ± 0.20 X.XX ± 0.15 X.XXX ± 0.10	± 5°	
				Not to Scale Drawn By PKN Sheet No. 2/2