



PRAN ELECTRONICS PVT. LTD.

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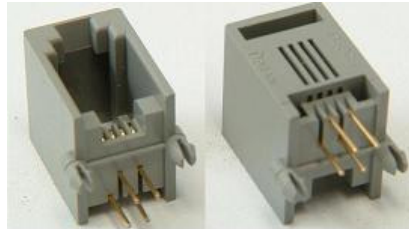
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Modular Jack 616A: RoHS Compliant Rev.01 date 10/02/2016

Detail specifications and test conditions

Description: PCB Mounting Modular Jack

Code: JP-616A-4P4C



Sr. No.	Item	Test Conditions	Criteria
ELECTRICAL SPECIFICATONS			
1.	Contact Resistance	Voltage drop Method 5 VDC, 10mA	40 milli Ohms Maximum
2.	Proof Voltage	1000 VAC Duration: 1 Minute	No breakdown
3.	Insulation Resistance	500 VDC Duration: 1 Minute	100 Mega Ohms Minimum
MATERIAL SPECIFICATONS			
4.	Housing	PBT/ABS/PC/Alloy Grey Colour	UL 94V2
5.	Contact Material	Phosphor Bronze	0.45 dia. +/- 0.01mm
6.	Contact Plating	Gold plating	Gold Plating
MECHANICAL SPECIFICATONS			
7.	Mating Force	4 Contacts 500 Grams	500 Grams
8.	Retention Force	Between Jack and Plug	7.7 Kgs.
ENDURANCE SPECIFICATION			
9.	Operating Life	5 VDC at 5 mA, resistive load Rate of operation: 2 to 3 operations per second Cycles of Operation: 600	Minimum 600 Cycles
10	Soldering Temp.	Hand or Wave soldering	240-260 Deg. 3 Sec.
11	Storage Temp.	-10 to 45 Deg. C	
12	Operating Temp.	-40 to 85 Deg. C	



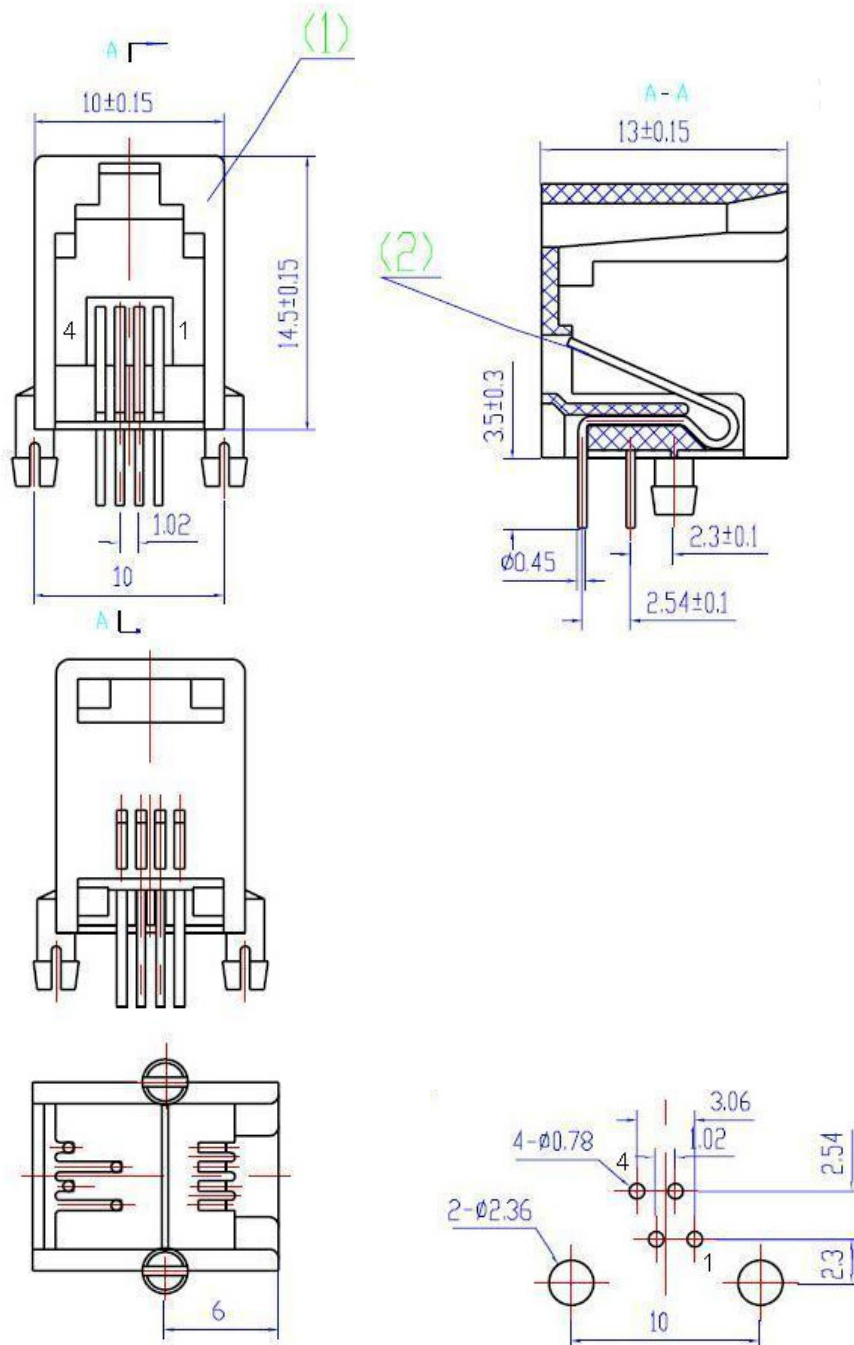
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**Modular Jack 616A:
Drawing:**

RoHS Compliant Rev.01 date 10/02/2016



Recommended PCB Layout