



# PRAN ELECTRONICS PVT. LTD.

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**AN ISO 9001:2000 COMPANY**

**Modular Jacks 623K:** Code: JL-623K-6P6C / JL-623K-6P4C / JL-623K – 6P2C

Description: Wired Modular Jack 623K

Sr.	Item	Test Conditions	Criteria
<b>ELECTRICAL SPECIFICATONS</b>			
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
<b>MATERIAL SPECIFICATONS</b>			
4.	Housing	Thermoplastic Colour Black, Grey (Standard), White	Proper molding
5.	Contact Material	Phosphor Bronze	0.45 dia. +/- 0.01mm
6.	Contact Plating	Gold Plating	Gold Plating
7.	Wire	PVC 7 x 0.16mm(+/- 0.01mm) Twisted and Tinned copper	Wire Size, Colour and length
<b>MECHANICAL SPECIFICATONS</b>			
8.	Mating Force	6 Contacts – 750 grams 4 Contacts – 500 grams 2 Contacts - 350 grams	750 grams 500 grams 350 grams
9.	Retention Force	Between Jack and Plug	7.7 Kgs.
10.	Crimp Tensile Strength	Between Contact Wire and PVC Wire	2.27 Kgs. Minimum
<b>ENDURANCE SPECIFICATION</b>			
11.	Operating Life	5 VDC at 5 mA, resistive load Rate of operation: 2 to 3 operations per second Cycles of Operation: 500	Minimum 500 Cycles



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