



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
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	PC, ABS and Alloy PC/ABS Colour Black, Grey (Standard), White	UL 94V2
5.	Contact Material	Phosphor Bronze	0.46 dia. +/- 0.01mm
6.	Contact Plating	3/6/15/30 or 50 Micron Inches	Gold Plating
7.	Wire	PVC 7 x 0.16mm(+/- 0.01mm) Twisted and Tinned copper	Wire Size, Colour and length
MECHANICAL SPECIFICATONS			
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
ENDURANCE SPECIFICATION			
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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