

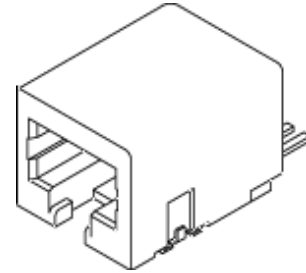
Datasheet
Modular Plugs and Jacks [Overview](#)

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44144-0004

Modular Jack, Right Angle, Low Profile, SMT, 6/4

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Status	Active
Access Level	Internet
Component	PCB Jack
Ports	1
Positions / Loaded Contacts	6/4
Orientation	Right Angle (Side Entry)
Inverted / Top Latch	No
Product Name	RJ11
Performance Category	3
Shielded	No
Lightpipes/LEDs	None

MOUNTING

Profile	Low
Panel Stops	No
PCB Mounting	Surface Mount
PCB Retention	Solder Tab - Surface Mount

PHYSICAL

Contact	Phosphor Bronze (CuSn)
Plating Contact	1.3µm (50µ") Gold (Au)
Plating Tail	2.5µm (100µ") Tin (Sn)
Under Plating	Nickel (Ni)
Packaging	Embossed Tape on Reel
Housing Material	PA Polyamide (Nylon), High Temperature, Glass-filled
Color	Black
Flammability	UL 94V-0
Comment	Flush Solder Tabs
Durability [mating cycles] min.	500 cycles

ELECTRICAL

Current-max [amps]	1.5A
Voltage-max [volts]	125V
Withstanding Voltage	1000V AC

**This part is
ELV and RoHS
COMPLIANT**

ENVIRONMENT	
RoHS Compliant	Yes
Lead-free Process Capability Tested	No
Lead-free Process Capability	Reflow Capable (SMT only)
Process Temperature max. (C)	235

Features and Benefits

- Surface mount solder tab provides retention to the PCB and strain relief for PC tails
- Side-to-side stackable for modular configurations
- 0.15mm (.006") max. nail-to-tail coplanarity ensures high reliability during surface mount soldering
- 100% electrically tested for hi-pot and continuity

Contact Resistance [ohms]	10 milliohms max.
Insulation Resistance [ohms]	500 Megohms min.
REFERENCE	
UL File Number	E107635
CSA File Number	LR19980
Mates With	FCC 68 Plugs
Temperature Range	-40°C to +80°C
MX01 Catalog Page	O-16
990 Catalog Page	O-10
Product Specification	PS-43743-001
Overview	Right Angle Modular Jacks[-8603]
Circuits / Positions	6
Loaded Contacts	4
Pitch / Center Spacing	1.27mm (.050")
Rows (No Display)	1
Molex Series	44144
Product Management	Hirsch, Marty
Lab Office	UCP
Customer Approved	Intel

2D D R A W I N G - For reference only. See technical [Drawing \(PDF\)](#) for design-in purposes.

