


**PIC Wire & Cable****Connector Specification****P/N 110651**

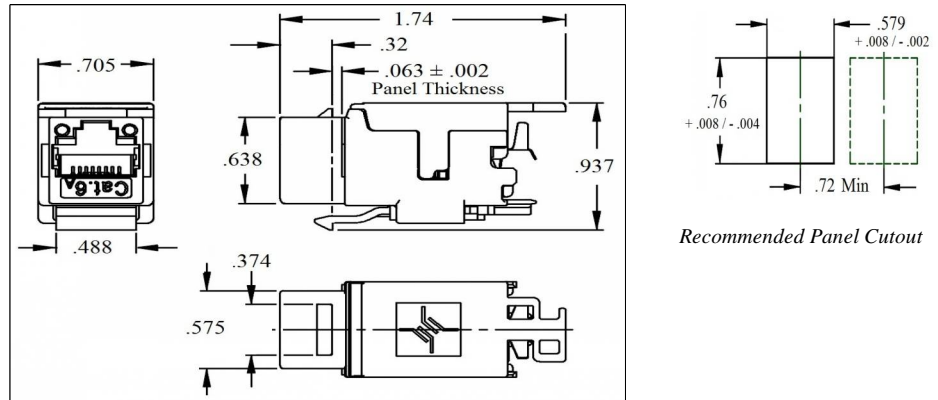
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Approved :   
 Distribution : User

Date : 10/24/13  
 Rev. 2 (08/17/15)  
 Uncontrolled if Printed

**RJ45 Panel Jack (Shielded Cat 6a)**

For 22/26 AWG conductors with an insulation OD range of .035" - .063"  
 (For ANSI/TIA/EIA 568B Pin-Out Termination Only)

**PERFORMANCE**

Exceeds ANSI/TIA/EIA Cat 6a  
 Current / Voltage: 1.0 Amps @ 30 VAC / 42 VDC  
 Contact Resistance: 20 milliOhms Max

**ENVIRONMENTAL**

Temperature Rating -40° C to +70° C  
 Insertion / Extraction 750 cycles Min

**CONNECTOR WEIGHT (Each)**

1.05 ounces (29.77 grams)

**RoHS COMPLIANT**

Complies to RoHS Standards

**REQUIRED TOOLING (2)**

PIC 110701 Soft Jaw Clamping Pliers

Note : Similar Soft Jaw Pliers can be used

**Notes :**

(1) A 1.0" piece of Raychem ATUM heat shrink  
 P/N ATUM-12/3-0 provided with connector

(2) Please refer to T-110651 Termination Instruction  
 sheet for strip dimensions & instructions.

**CONSTRUCTION****Materials:**

Jack Housing	Zinc diecast
Contacts	Spring Steel
Snap-in Hook	Polycarbonate, UL 94-V0
Wire Load Bar, Insulators	Polybutylene Terephthalate
PCB	FR4
IDC Contacts	Silicon Bronze
Shield	Nickel Silver
Cable Ties	Nylon, UL94 V2
Strain Relief	ATUM Dual Wall Heat Shrink (MIL-DTL-23053/4, Class 3)

**Finish :**

Jack Housing	Nickel
Contacts	Gold
IDC Contacts, PCB	Tin

**Applicable Standards :**

ANSI/TIA-1096-A  
 ANSI/TIA/EIA 568-C.2