

PIC Wire & Cable

A Division of the Angelus Corporation
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Connector Specification

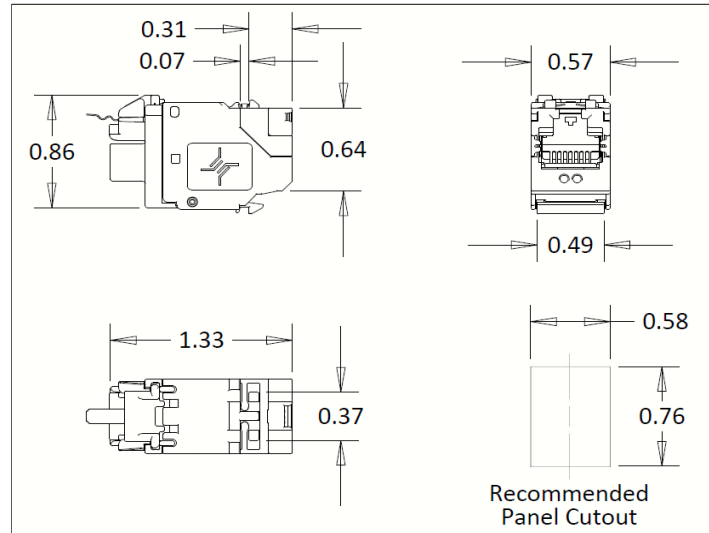
Approved : *PFT*
 Distribution : User

P/N 111109

Date : 05/30/19
 Rev. 1 (11/06/19)
 Uncontrolled if Printed

RJ45 Panel Jack (Shielded Cat 8)

For 24 AWG conductors with an insulation OD range of .039" - .063"
 (For ANSI/TIA/EIA 568A & B Pin-Out Terminations)

**PERFORMANCE**

Category 8.1, 40 GBase-T

Current/Voltage: 1.0 Amp @ 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)

0.83 ounces (23.5 grams)

RoHS COMPLIANT

Complies to RoHS Standards

REQUIRED TOOLING

PIC P/N 110701 Soft Jaw Clamping Pliers

Note: Similar Soft Jaw Pliers can be used

Notes:

(1) Three pieces of Raychem ATUM heat shrink, P/Ns ATUM-12/3-0 (2 ea. X 1.5") & ATUM-8/2-0 (1 ea. X 1.0") provided with connector for purpose of strain relief & moisture protection.

(2) Please refer to T-111109 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	Phosphor bronze / copper alloy
Strain Relief	ATUM Dual Wall Heat Shrink (ML-DTL-23053/4, Class 3)

Finishes :

Contacts	Gold
Plug Housing, Shield Contact	Nickel
IDC Contacts	Tin

APPLICABLE STANDARDS

ISO/IEC 11801-1, DIN EN 50173-1, IEC 60603-7-81
 ANSI/TIA/EIA 568-C.2-1