PIC Wire & Cable
A Division of the Angelus Corporation
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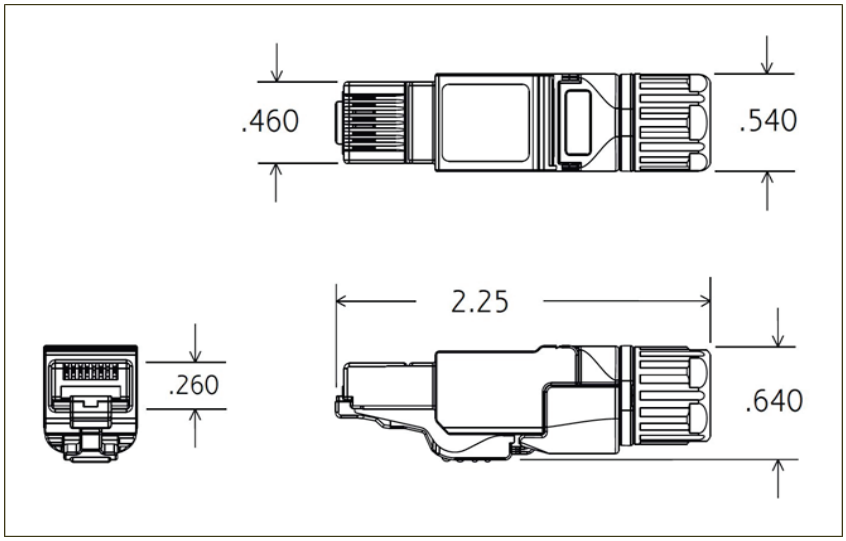
W220 N1051 Springdale Road Waukesha, WI 53186

Connector Specification	P/N 111007
Approved : JNS	Date : 07/25/19
	Rev. 2 (07/28/22)
Distribution : User	Uncontrolled if Printed

RJ45 Plug Connector (Shielded Cat 6A)

For conductors with an insulation OD range of .033" - .043"

(For ANSI/TIA/EIA 568A Pin-Out Termination Only)



Not Shown ; dust cap for RJ45 (removed upon installation)

PERFORMANCE

Category 6A

Current/Voltage: 1.0 Amps @ 30 VAC / 42 VDC

Contact Resistance: 20 milliOhms Max

ENVIRONMENTAL

Temperature Rating	-40° C to +85° C
Insertion / Extraction	750 cycles min

CONNECTOR WEIGHT (Each)

0.83 ounces (23.59 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) A 1.50" piece of Raychem ATUM heat shrink P/N ATUM-16/4-0 and two .650" pieces of P/N ATUM-8/2-0 provided with connector for purpose of strain relief & moisture protection.

(2) Please refer to T-111007 Termination Instruction sheet for strip dimensions & instructions.

CONSTRUCTION

Materials:

Plug Housing	Zinc diecast
Contacts	Spring Steel
Contact Housing, Load Bar, Wire Carrier	Polycarbonate, UL 94-V0
RJ45 Latch, Dust Cap, Strain Relief Collett	Polybutylene Terephthalate, UL 94-V0
PCB	FR4, UL 94-V0
IDC Contacts	Phosphor Bronze
Shield Contact	Brass
Strain Relief (2)	ATUM Dual Wall Heat Shrink (MIL-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 60603-7-51
ANSI/TIA/EIA 568-C.2-1

PIC Wire & Cable Connector User specification sheets are non-controlled documents if printed. Please contact PIC Wire and Cable or visit the PIC website (www.picwire.com) to ensure the latest revision of the drawing is being viewed.