

PIC Wire & Cable**Connector Specification****P/N 110790***A Division of the Angelus Corporation*

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W220 N1051 Sprindale Rd, Waukesha, WI 53089

Approved :

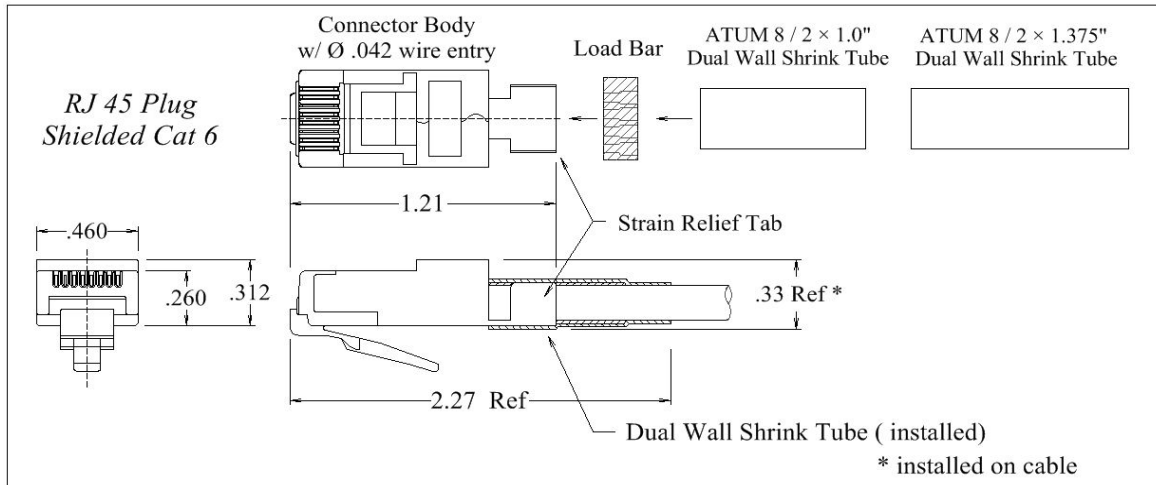
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Date : 06/04/14

Rev. 2 (03/08/22)

Distribution : USER

Uncontrolled if Printed

RJ45 Plug Connector - Shielded Cat 6A*(For conductors with an OD range of 0.037 to 0.042")**(fits Amphenol RJ Type ruggedized housing)***PERFORMANCE**

Meets or Exceeds Category 6A ANSI/EIA 568-C.2
Performance Tuned to CAT 6A cables

Current/Voltage 1.5 Amps @ 30 VAC/42 VDC
Contact Resistance 10 milliOhms Max

ENVIRONMENTAL

Temperature Rating - 40° C to + 85° C
Insertion/Extraction 1000 Cycles
Flame Auto Extinguish UL 94-VO

CONNECTOR WEIGHT (Each)

0.16 ounces (4.54 grams)

RoHS COMPLIANT

Complies to RoHS Standards

REQUIRED TOOLING (2)

Crimp Tool P/N 110729

CONSTRUCTION**Materials:**

Plug Housing	Polycarbonate
Contacts	Phosphor Bronze, 0.012" thick
Load Bar	Polycarbonate
Shielding	Brass, Alloy 70/30, 1/4 HD

Strain Relief (1)	ATUM Dual Wall Shrink Tube (2 ea) (MIL-DTL-23053/4, Class 3)
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Finish:

Shield	Tin
Contacts	Gold

Applicable Standards

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

Notes :

(1) A 1.0" and 1.375" piece of Tyco ATUM heat shrink P/N ATUM-8/2-0 provided with each connector for purpose of strain relief & moisture protection.

(2) Please refer to applicable T-110790-(x) Termination Instruction Sheet for strip dimensions & instructions.