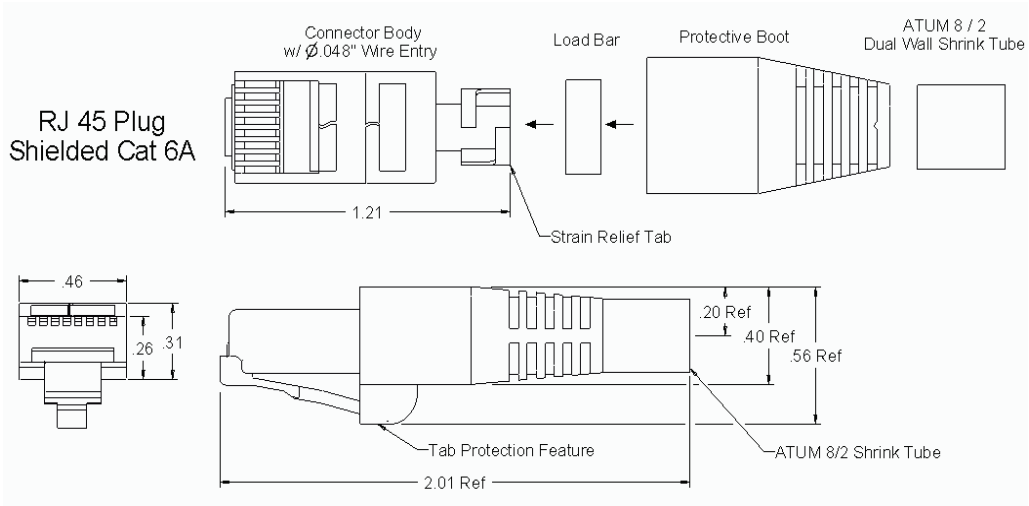
PIC Wire & Cable	Connector Specification	P/N 111172
A Division of the Angelus Corporation Ph: (262) 246-0500 Fax: (262) 246-0450 www.picwire.com W220 N1051 Sprindale Rd, Waukesha, WI 53089	Approved : PFT	Date : 03/21/21 Rev. 0
	Distribution : USER	Uncontrolled if Printed

RJ45 Plug Connector - Shielded Cat 6A W/Protective Boot

(For conductors with an OD range of 0.044 to 0.048")



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-V0

CONNECTOR WEIGHT (Each)

0.17 ounces (4.85 grams)

RoHS COMPLIANT

Complies to RoHS Standards

REQUIRED TOOLING (2)

Crimp Tool P/N 111183

CONSTRUCTION

Materials:

Plug Housing	Polycarbonate
Contacts	Phosphor Bronze, 0.012" thick
Load Bar	Polycarbonate
Shielding	Brass, Alloy 70/30, 1/4 HD
Protective Boot	Thermoplastic Rubber
Strain Relief (1)	ATUM Dual Wall Shrink Tube (MIL-DTL-23053/4, Class 3)

Finish:

Shield	Tin
Contacts	Gold

Applicable Standards : ANSI/TIA-1096-A
ANSI/TIA/EIA 568-C.2

Notes *:*

(1) A 0.38" piece of dual walled ATUM heat shrink P/N ATUM-8/2-0 provided with connector for purpose of strain relief & protective boot retainment.

(2) Please refer to applicable T-111172 Termination Instruction Sheet for strip dimensions & instructions.

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.