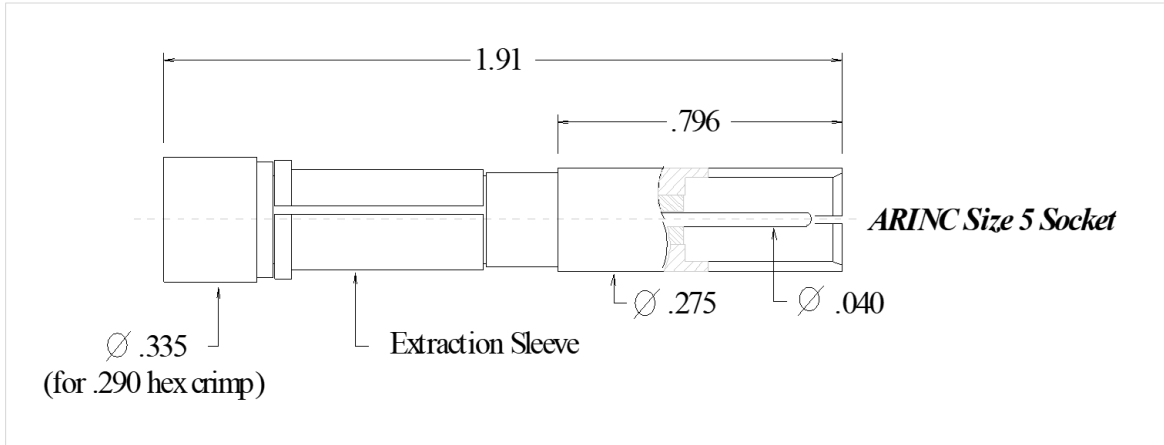


PIC Wire & Cable	Connector Specification	P/N 190303
<i>A Division of the Angelus Corporation</i> Ph (262) 246-0500 Fax (262) 246-0450 www.picwire.com PO Box 330 Sussex, WI 53089	Approved : <i>PFT</i>	Date : 07/16/92
	Distribution : USER	Rev : 6 (08/10/20)
		Uncontrolled if Printed

ARINC Size 5 Socket Contact
for S33141



PERFORMANCE

Impedance (nom)	50 Ohms
Frequency Range	0 - 2 GHz
Voltage Rating	325 V(rms)
Insulation Resistance (min)	5000 Megohms
DWV	750 V(rms)
VSWR (Max)	1.5:1
Insertion Loss (Max)	0.3 dB

CONNECTOR WEIGHT (Each)

0.38 ounces (10.77 grams)

RoHS COMPLIANT

Complies to RoHS standards

INSTALLATION

Crimp Tooling:

<i>Center Contact</i>	M22520 / 1 - 01 Tool, Selector Dial @ # 6 Recommended Positioner: PIC 110778 (DMC #TH735), Selector @ Blue
<i>Crimp Ferrule</i>	M22520 / 5 - 01 Tool, M22520 / 5 - 41 Die Set, Cavity A (.290 hex)

CONSTRUCTION

Materials:

Body	Beryllium Copper, ASTM-B196, Alloy UNS C17300
Center Contact	Brass, ASTM-B16, Alloy UNS 36000, H02
Ferrule	Brass, ASTM-B16, Alloy UNS 36000, Dead Soft
Dielectric	TFE Fluorocarbon, ASTM-D1710, Type 1, Grade 1
Extraction Sleeve	Nylon, Type 6/6

Finish :

Body, Ferrule	Gold
Center Contact	Gold

APPLICABLE STANDARDS

ARINC 404/600

Notes :

- 1) A 1.5" piece of Raychem ATUM heat shrink P/N ATUM-12/3-0 provided with connector for purpose of strain relief & moisture protection.
- 2) Please refer to T-190303 Termination Instruction sheet for strip dimensions & instructions.