Connector Specification

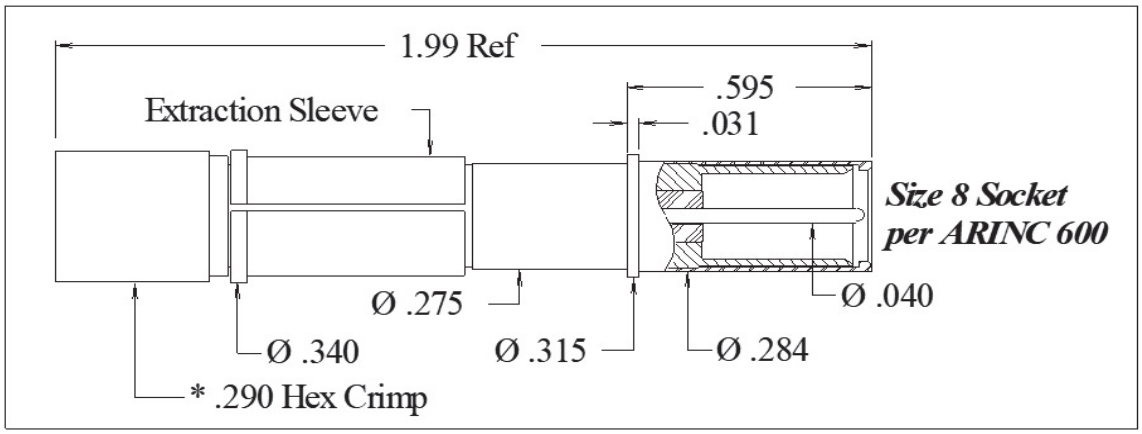
PIC WIRE & CABLE
W220 N1051 Springdale Road
Waukesha, WI 53186 USA
Phone: 800.742.3191
www.PICwire.com

Approved : JDA		Date : 05/29/13
		Rev : 7 (05/15/24)
Distribution : **User**		**Uncontrolled Document**

Part Number: 190329

ARINC 600 Size 8 Socket Contact

for S33141



PERFORMANCE

Impedance (nom)	50 Ohms
Frequency Range	0 - 5 GHz
Voltage Rating	500 V(rms)
Insulation Resistance (min)	5000 Megohms
DWV	1000 V(rms)
VSWR (Max)	1.3:1
Insertion Loss (Max)	0.3 dB

CONNECTOR WEIGHT (Each)

0.45 ounces (12.70 grams)

RoHS COMPLIANT

Complies to RoHS Standards

INSTALLATION

Crimp Tooling :

Center Contact
M22520 / 1 - 01 Tool,
PIC P/N 110778 (DMC # TH735) Die

Crimp Ferrule
M22520 / 5 - 01 Tool,
M22520 / 5 - 41 Die
Cavity A (.290 hex)

CONSTRUCTION

Materials:

Body	Beryllium Copper, ASTM-B196, Alloy C17300
Outer Hood	Stainless Steel, ASTM-A582, Alloy UNS S30300
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
Outer Hood	Passivated Stainless

Applicable Standards	ARINC 600 Amphenol AIR LB (Series 1900) EN3545

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-190329 Termination Instruction sheet for strip dimensions & instructions.

3) No extraction tool needed. Contact has a built in extraction sleeve.

* Note - MIL Spec die to be used on the smaller diameter area of ferrule only. Not the larger "Bell" areas on each end.

Note: Once printed or downloaded, specification sheets for PIC Wire & Cable are considered non-controlled documents and may be subject to change without prior notice. For the latest version, please visit www.PICwire.com or contact PIC Wire and Cable directly.