
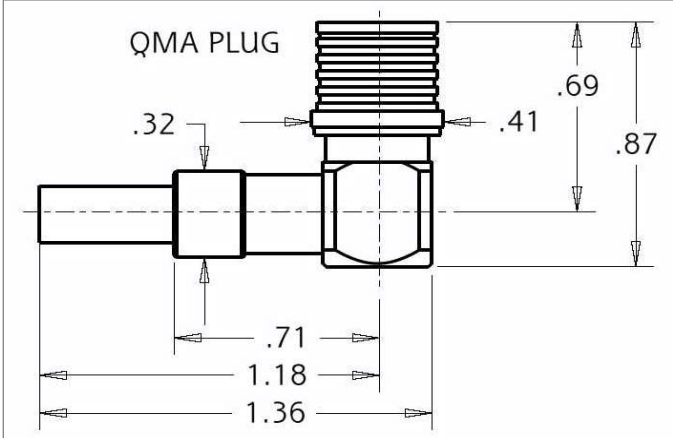


PIC Wire & Cable	Connector Specification	P/N 190850
<i>A Division of the Angelus Corporation</i> Ph (262) 246-0500 Fax (262) 246-0450 www.picwire.com PO Box 330 Sussex, WI 53089	Approved : 	Date : 05/13/19
	Distribution : USER	Rev : 0
		Uncontrolled if Printed

QMA 90° Plug
for S83204, S86208, S88207



PERFORMANCE

Nominal Impedance	50 Ohms
Frequency Range	0 - 12.4 GHz
Voltage Rating	335 V(rms)
Insulation Resistance	5000 Megohms
DWV	1000 V(rms)
VSWR (max)	1.3:1
Insertion Loss (max)	0.18 dB max @ 12.4 GHz
Insertion Loss	0.05 $\sqrt{f(\text{GHz})}$

CONNECTOR WEIGHT

0.51 ounces (14.51 grams)

RoHS COMPLIANT

Complies to RoHS standards

INSTALLATION (Tooling)

Crimp Tooling:

<i>Center Contact</i>	M22520 / 5 - 01 Tool : Die Set M22520 / 5 - 09 Cavity B (.068" hex) (Daniels # Y204P)
<i>Crimp Ferrule</i>	M22520 / 5 - 01 Tool : Die Set M22520 / 5 - 09 Cavity A (.178" hex) (Daniels # Y204P)

CONSTRUCTION

Materials:

Body	Brass
Ferrule	Brass
Outer Contact	Bronze
Center Contact (s)	Brass, Beryllium Copper
Insulator	PTFE

Finish :

Body	Nickel
Outer Contact	Nickel
Ferrule	Nickel
Center Contact	Gold

APPLICABLE STANDARDS

N/A

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-190850 Termination Instruction sheet for strip dimensions & instructions.