Fairview Microwave
RF COMPONENTS ON DEMAND. *Done!*

QMA Male Snap-On Connector Crimp/Solder Attachment For RG55, RG142, RG223, RG400 Cable

The QMA interface is operational to 18 GHz, but the product's electrical parameters are optimized for and specified to 6 GHz. QMA, or Quick Lock SMA, connectors allow for easy snap-on connections that securely lock in place for easy mating and reliable connections. In addition to the time savings offered by the Snap-On interface, the QMA interface allows for a tighter density than a traditional threaded SMA interface that requires the use of a torque wrench to properly complete the connection. This QMA connector is QLF approved and ensures intermateability with other QLF QMA products.

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		6	GHz
VSWR			1.3:1	
DWV (AC)			1,000	

Mechanical Specifications

Size
Length 1.05 in [26.67 mm]
Width/Dia. 0.41 in [10.41 mm]

Weight 0.006 lbs [2.72 g]

Mating Cycles 100 Cycles

Material Specifications

Description	Material	Plating
Contact	Brass	Gold
Insulation	PTFE	
Body	Brass	Tri-Metal
Coupling Nut	Brass	Tri-Metal

Configuration:

- Snap-On QMA Male Connector
- 50 Ohms
- Straight Body Geometry
- RG55, RG142, RG223, RG400 Interface Type
- Crimp/Solder Attachment

Features:

- Operates to 18 GHz
- Quick Locking Snap On Connection
- Reduced connector to connector spacing
- 100 mating cycles
- No torque wrench required
- 360 degree rotation capability
- Electrically equivalent to SMA interface

Applications:

- Telecom systems including DAS
- Equipment rack applications
- High connection density systems

Environmental Specifications
Temperature
Operating Range   -65 to 165 deg C

Compliance Certifications (see product page for current document)
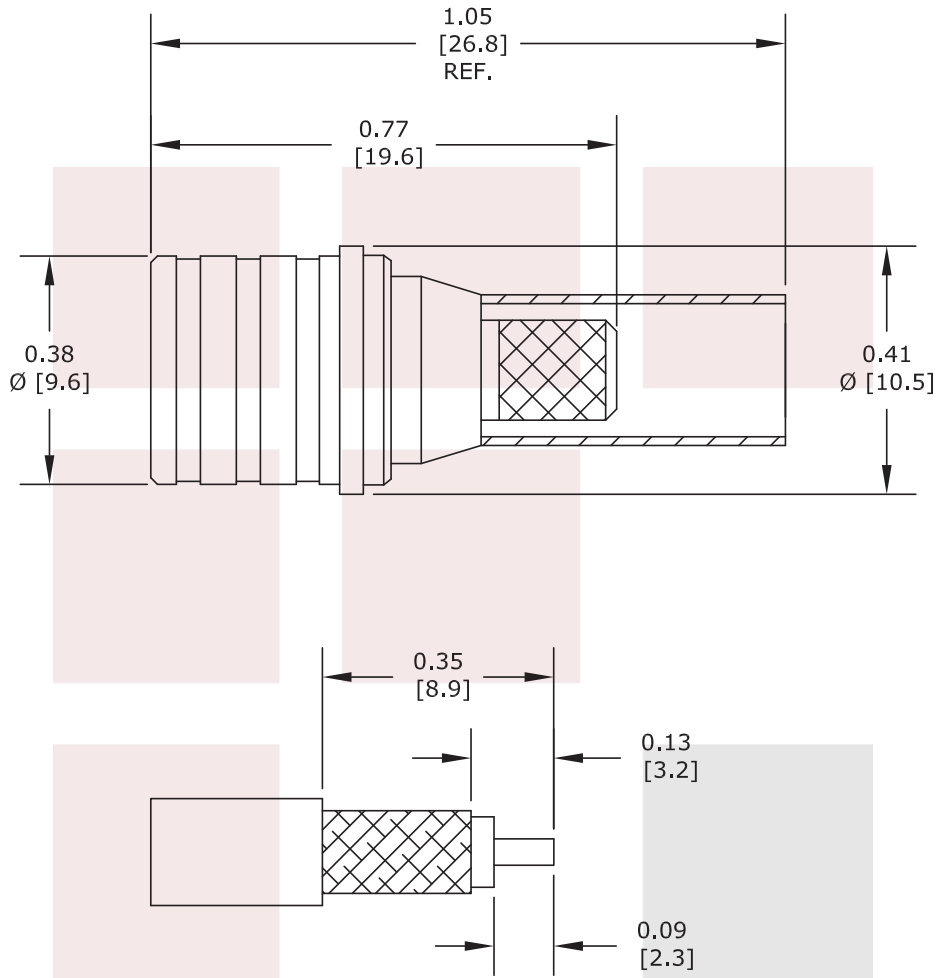
Plotted and Other Data
Notes:

QMA Male Snap-On Connector Crimp/Solder Attachment For RG55, RG142, RG223, RG400 Cable from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: QMA Male Snap-On Connector Crimp/Solder Attachment For RG55, RG142, RG223, RG400 Cable FMCN1148

URL: https://www.fairviewmicrowave.com/qma-male-snap-on-rg55-rg142-rg223-rg400-connector-fmcn1148-p.aspx

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Fairview Microwave reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Fairview Microwave does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Fairview Microwave does not assume any liability arising out of the use of any part or documentation.

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1.05
[26.8]
REF.

0.77
[19.6]

0.38
Ø [9.6]

0.41
Ø [10.5]

0.35
[8.9]

0.13
[3.2]

0.09
[2.3]

STRIPPING DIMENSIONS

CRIMP SIZE REQUIRED

CONTACT: SOLDER
FERRULE: .213" HEX CRIMP TOOL

FAIRVIEW MICROWAVE INC.

ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM

NOTES:
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.
3. DIMENSIONS ARE IN INCHES [mm].

TITLE	DWG NO		CAGE CODE	
QMA Male Snap-On Connector Crimp/Solder Attachment For RG55, RG142, RG223, RG400 Cable	FMCN1148		3FKR5	
	CAD FILE 071916	SHEET	SCALE N/A	SIZE A	2233

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