



QMA Male Snap-On Connector Crimp/Solder Attachment for LMR-200, PE-C200

RF Connectors Technical Data Sheet

PE45224

Configuration

- Snap-On QMA Male Connector
- 50 Ohms
- Straight Body Geometry
- LMR-200, PE-C200 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

- Telecommunication system
- Rack and Panel Mount Applications
- High connection density systems

Description

Pasternack's PE45224 Snap-On QMA Male connector is part of our full line of RF connectors available for same-day shipping. Our Male QMA connector operates to 18 GHz. The PE45224 provides excellent VSWR of 1.5:1 maximum to 6 GHz. The PE45224 Pasternack RF connector is designed for use with LMR-200 and PE-C200 and is attached to the body using a crimp connection and the center contact employs a solder connection.

QMA, or Quick Lock SMA, connectors allow for an easy snap-on connection that securely locks in place for an easy mating reliable connection. In addition to the time savings offered by the Snap-On interface the QMA interface allow for a tighter density than a Threaded SMA interface which requires the use of a torque wrench to properly complete the connection. The QMA interface is operational to 18 GHz but the products electrical parameters are optimized for use and are specified to 6 GHz when used on LMR-200 Coaxial cable. This QMA connector is QLF approved and insures intermateability with other QLF QMA products.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		6	GHz
VSWR			1.5:1	
Operating Voltage (AC)			335	Vrms
Dielectric Withstanding Voltage (AC)			1,000	
Insulation Resistance	5,000			MOhms

Mechanical Specifications

Size

Length	1.12 in [28.45 mm]
Width/Dia.	0.41 in [10.41 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [QMA Male Snap-On Connector Crimp/Solder Attachment for LMR-200, PE-C200 PE45224](#)



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Weight	0.019 lbs [8.62 g]
Mating Cycles	100 Cycles

Material Specifications

Description	Material	Plating
Contact	Brass	Gold 51μ in. minimum
Insulation	PTFE	
Body	Brass	Tri-Metal
Coupling Nut	Brass	Tri-Metal

Environmental Specifications

Temperature

Operating Range	-40 to 80 deg C
Hermetic Seal	ATM. cm3/s

Compliance Certifications (visit www.Pasternack.com for current document)

RoHS Compliant	
REACH Compliant	12/17/2015

Plotted and Other Data

Notes:

QMA Male Snap-On Connector Crimp/Solder Attachment for LMR-200, PE-C200 from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

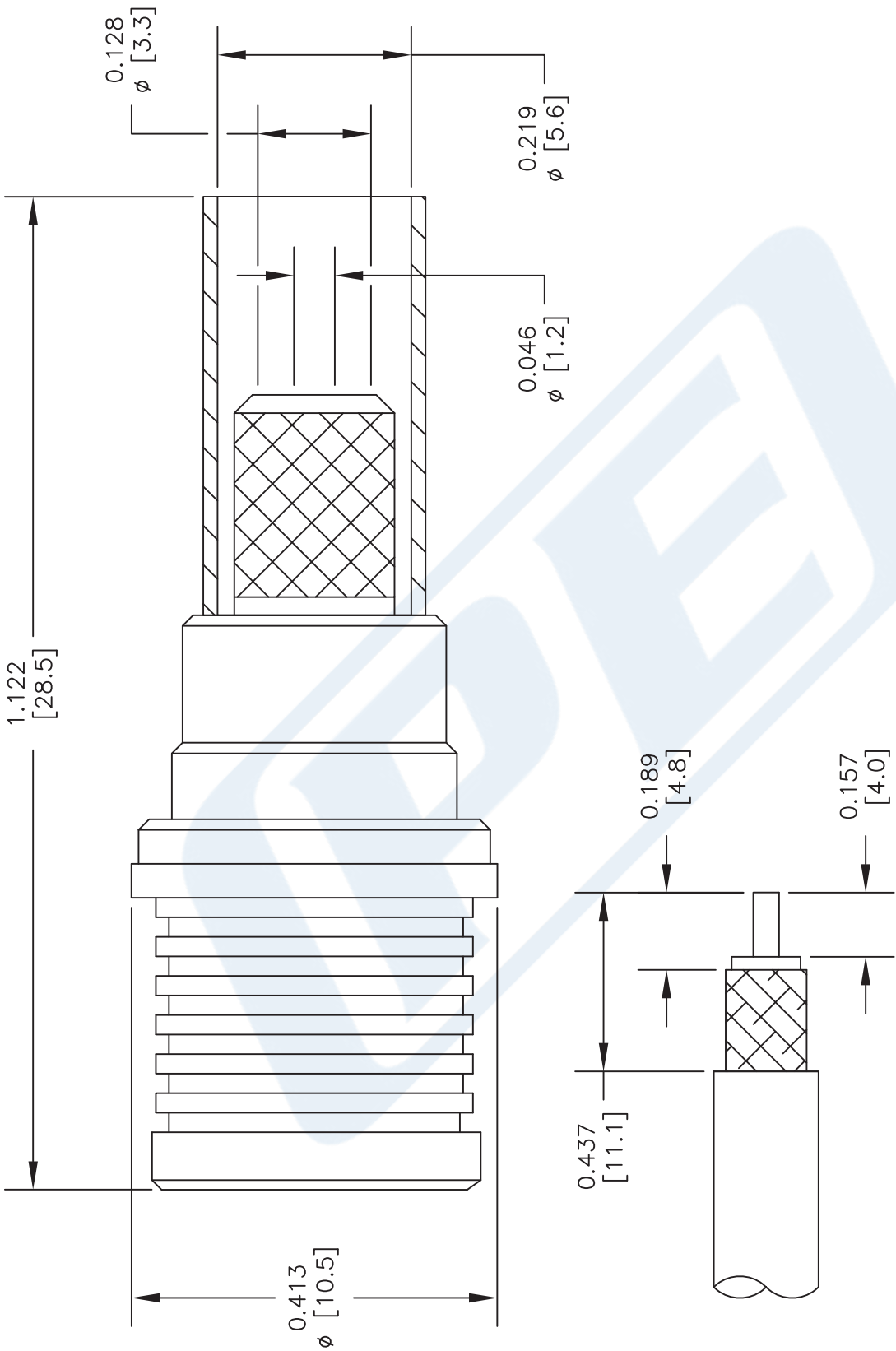
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [QMA Male Snap-On Connector Crimp/Solder Attachment for LMR-200, PE-C200 PE45224](http://www.pasternack.com/qma-male-snap-on-lmr-200-pe-c200-connector-pe45224-p.aspx)

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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. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

PE45224 CAD Drawing

QMA Male Snap-On Connector Crimp/Solder Attachment for LMR-200, PE-C200



STRIPPING DIMENSIONS

CRIMP SIZE REQUIRED

CONTACT: SOLDER
FERRULE: .213" HEX CRIMP TOOL

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].

DWG TITLE
PE45224

FSCM NO. 53919

2233

SIZE A

SCALE N/A

CAD FILE 061716

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