

**75 Ohm 1.0/2.3 Plug Push-On Connector Crimp/
 Crimp Attachment For BELDEN 735A1 Cable**

Fairview Microwave's 75 Ohm DIN 1.0/2.3 connectors have a secure quick-locking push/pull design creating a convenient fastened connection. These 75 Ohm 1.0-2.3 DIN connectors operate to 3 GHz, making them an excellent choice for many data communications and video applications, including 3G video. The small size and push/pull connection method allows for a dense connector-to-connector footprint, saving valuable space in panels and other applications requiring a high number of interconnects. These durable RF connectors also have a mating life of up to 500 connections.

Electrical Specifications

| Description | Min | Typ | Max | Units |
|-----------------|-----|-----|--------|-------|
| Frequency Range | DC | | 3 | GHz |
| VSWR | | | 1.15:1 | |

Mechanical Specifications

| Size | |
|------------|--------------------|
| Length | 1.06 in [26.92 mm] |
| Width/Dia. | 0.307 in [7.80 mm] |
| Weight | 0.016 lbs [7.26 g] |

Material Specifications

| Description | Material | Plating |
|--------------|----------|---------|
| Contact | Brass | Gold |
| Insulation | PTFE | |
| Body | Brass | Nickel |
| Coupling Nut | Brass | Nickel |
| Crimp Sleeve | Brass | Nickel |



Configuration:

- Push-On 1.0/2.3 Plug Connector
- 75 Ohms
- Straight Body Geometry
- BELDEN 735A1 Interface Type
- Crimp/Crimp Attachment

Features:

- Push/Pull connection design
- Secure locking mechanism
- No torque tools required
- Performance to 3 GHz
- 500 Mating cycles

Applications:

- 3G SDI Video
- 75 Ohm Switching Equipment
- Communication systems

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Environmental Specifications

Temperature

Operating Range -65 to 165 deg C

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

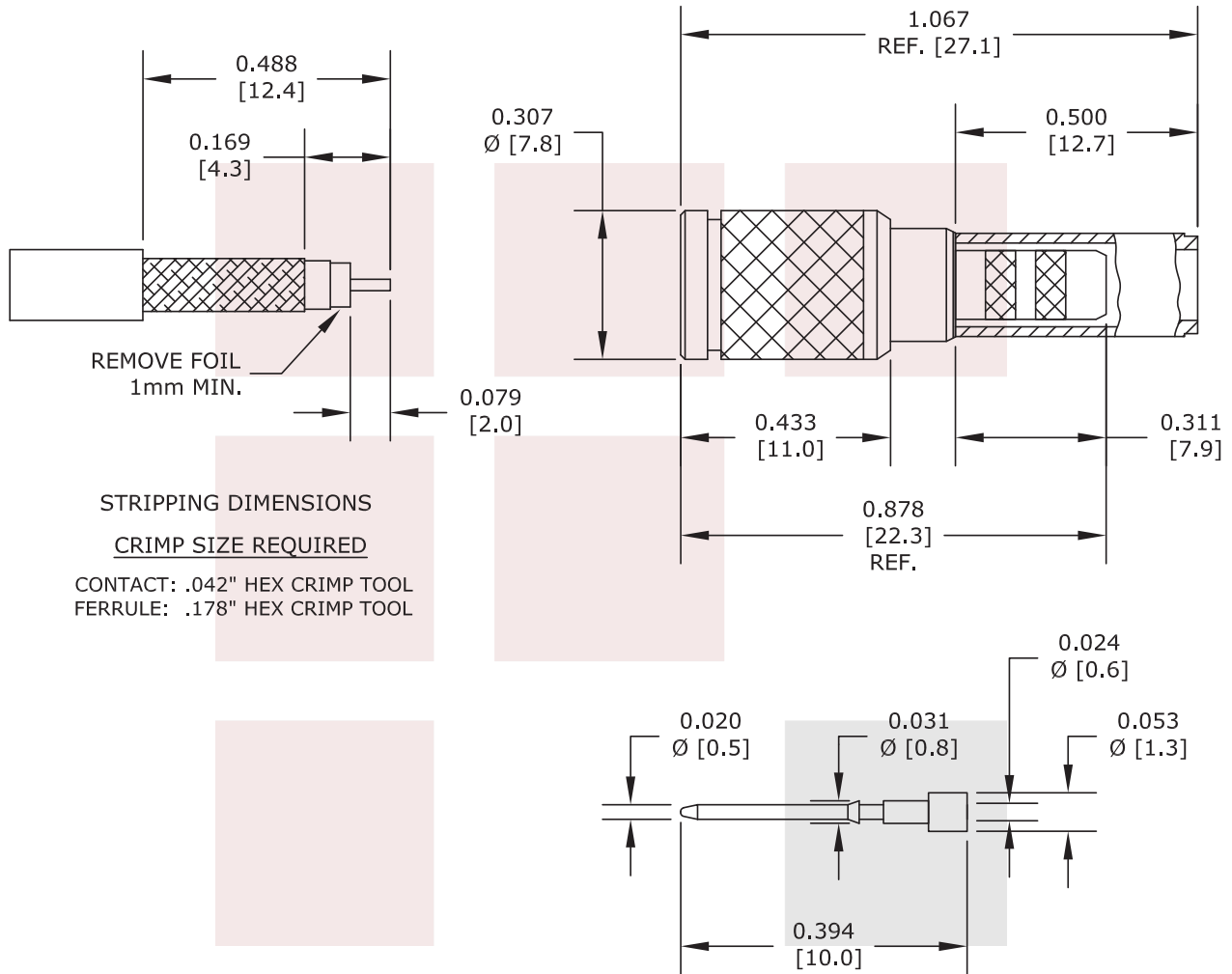
Notes:

75 Ohm 1.0/2.3 Plug Push-On Connector Crimp/Crimp Attachment For BELDEN 735A1 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: [75 Ohm 1.0/2.3 Plug Push-On Connector Crimp/Crimp Attachment For BELDEN 735A1 Cable FMCN1110](#)

URL: <https://www.fairviewmicrowave.com/1.0-2.3-plug-push-on-belden-735a1-connector-fmcn1110-p.aspx>

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|--|--------|---|-------|--------------------|--------------|
| 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 75 Ohm 1.0/2.3 Plug Push-On Connector Crimp/Crimp Attachment For BELDEN 735A1 Cable | | DWG NO FMCN1110 | | CAGE CODE 3FKR5 | |
| CAD FILE | 060316 | SHEET | SCALE | N/A | SIZE A XXXXX |