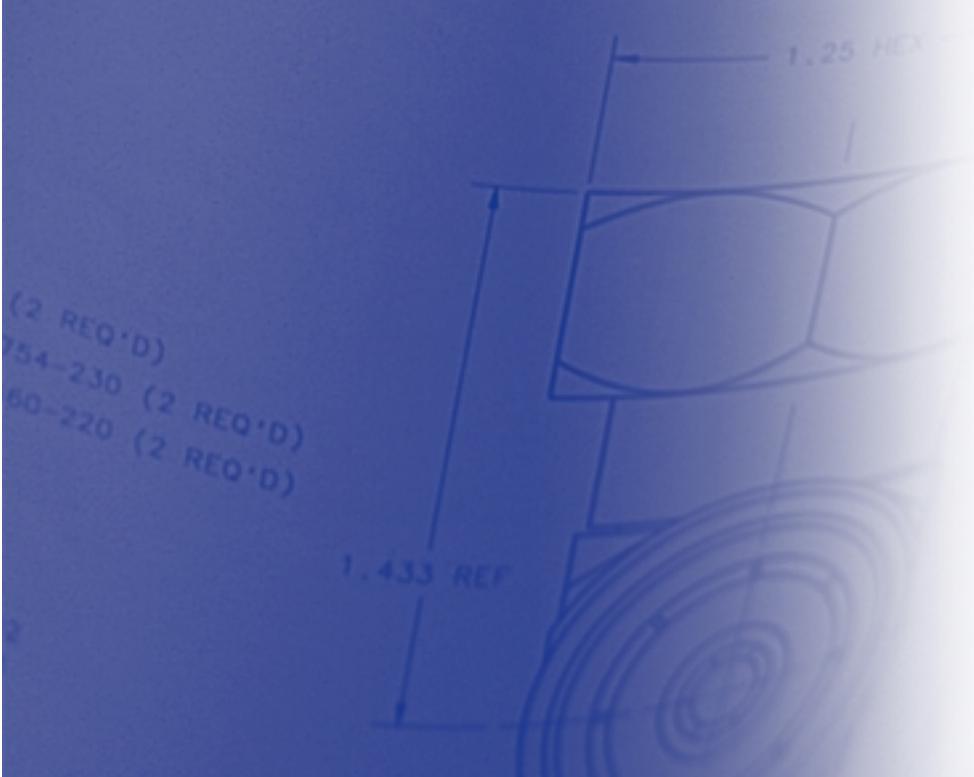




QDS Series



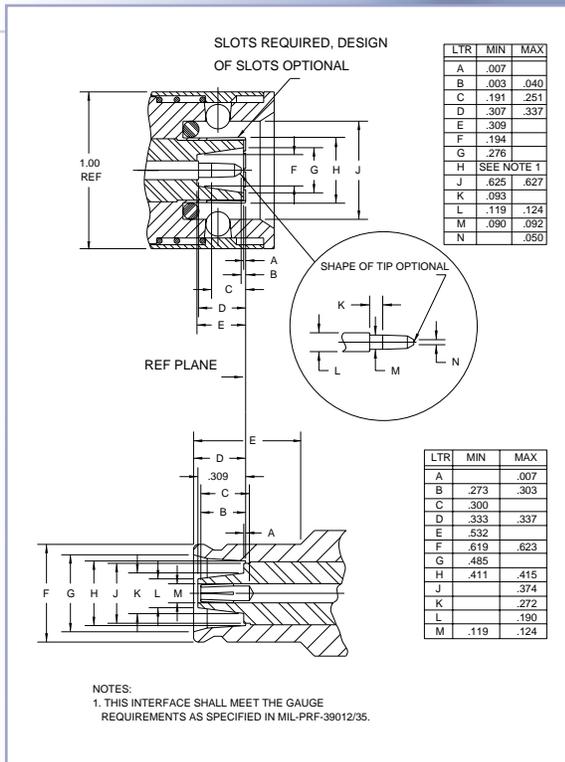
QDS Series



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ELECTRICAL

- Nominal Impedance: 50 ohms
- Frequency Range: DC to 6 GHz
- Voltage Rating: 1,000 volts rms
- Dielectric Withstanding Voltage: 3,000 volts rms
- Insulation Resistance: 5,000 megohms
- VSWR: 1.35 max DC-6 GHz

MECHANICAL

- Mating Characteristics: per TRU standards (ref MIL-C-18867A)
- Connector Durability: 500 cycles min.
- Cable Attachment: Clamp

ENVIRONMENTAL

- Temperature Range: -67°F to +390°F (-55°C to +199°C)
- Vibration: MIL-STD-202 Method 204 (Test Cond. B)
- Shock: MIL-STD-202 Method 213 (Test Cond. I)
- Moisture Resistance: MIL-STD-202 Method 106
- Corrosion (salt spray): MIL-STD-202 Method 101 (Test Cond.B)

MATERIAL / FINISHES

- Body: Brass, Silver or Nickel Plated
- Contacts (Inner): Female: Beryllium Copper, Silver or Gold Plated; Male: Brass, Silver or Gold Plated
- Contacts (Outer): Brass, Silver or Nickel Plated; Beryllium, Silver or Nickel Plated
- Contacts (Slotted): Plated
- Insulators: Teflon
- Gaskets & Seals: Silicone Rubber

Features listed are typical and may vary depending upon cable selection and application.

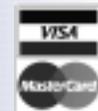
TRU Corporation offers QDS Series connectors that provide high integrity connections with a fast on/off capability and reliable mating, without bayonets or threaded couplings nuts. These connectors feature a positive locking mechanism employing a spring loaded sleeve on the male plug that is drawn back to let self contained bearings click into grooves on the corresponding female and the then slide forward. A red band is exposed if connectors are not fully mated, providing added security for a proper connection.

For leading-edge engineering and custom product designs, look to TRU. Since 1951, we have been providing our customers with quality and cost effective solutions for all of their interconnect applications. We maintain the highest quality standards and manufacture all our products at our modern facility located in Peabody, Massachusetts. Contact your Customer Service Representative today or visit www.trucorporation.com to see why we are "The Custom Interconnect Leader".

Please note that the products displayed are only a sampling of our designs.

Please note that bold model numbers represent the product as shown.

Custom connectors can be manufactured to your own specifications.



Build Your Own Connector at www.trucorporation.com



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Straight	RG-U Cable Type	Model
	RG-55B, 58C, 141A, 142A, 223, 400/U Harbour LL-142	TRU-8805 TRU-8353
	RG-8A, 9B, 11A, 13A, 87A, 213, 214, 216, 225/U	TRU-0440

Cable Attachment: Clamp

Straight	RG-U Cable Type	Model
Captive Contact Captive Contact	RG-14, 217/U RG-393/U	TRU-6903 TRU-7999

Cable Attachment: Clamp

RG-U Cable Type	Model
RG-14, 217/U	TRU-3016

Cable Attachment: Clamp

Right Angle	RG-U Cable Type	Model
	RG-8A, 9B, 11A, 13A, 87A, 213, 214, 216, 225/U	TRU-8613

Cable Attachment: Clamp

RG-U Cable Type	Model
RG-8, 10, 213, 214, 215, 216/U	TRU-0448

Cable Attachment: Clamp

RG-U Cable Type	Model
RG-14, 14A, 217/U	TRU-6904

Cable Attachment: Clamp

RG-U Cable Type	Model
RG-14, 74, 217, 224/U	TRU-0423

Cable Attachment: Armor Clamp

Clamp Types

ARMOR CLAMP IMPROVED CLAMP



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<i>Straight</i>	<i>RG-U Cable Type</i>	<i>Model</i>
	RG-8A, 9B, 11A, 13A, 87A, 213, 214, 216, 225/U	TRU-3112
Cable Attachment: Clamp		

<i>Bul khead</i>	<i>RG-U Cable Type</i>	<i>Model</i>
	Harbour LL-142	TRU-8448
Cable Attachment: Clamp		

<i>Panel</i>	<i>RG-U Cable Type</i>	<i>Model</i>
	RG-10, 12, 13, 214, 215, 216/U	TRU-0445
Cable Attachment: Armor Clamp		

<i>Panel</i>	<i>RG-U Cable Type</i>	<i>Model</i>
	RG-402/U	TRU-8153
Cable Attachment: Solder		

<i>Bul khead</i>	<i>RG-U Cable Type</i>	<i>Model</i>
	RG-8A, 9B, 11A, 13A, 87A, 213, 214, 216, 225/U RG-55B, 58C, 141A, 142A, 223, 400/U	TRU-3017 TRU-3076
Cable Attachment: Clamp		

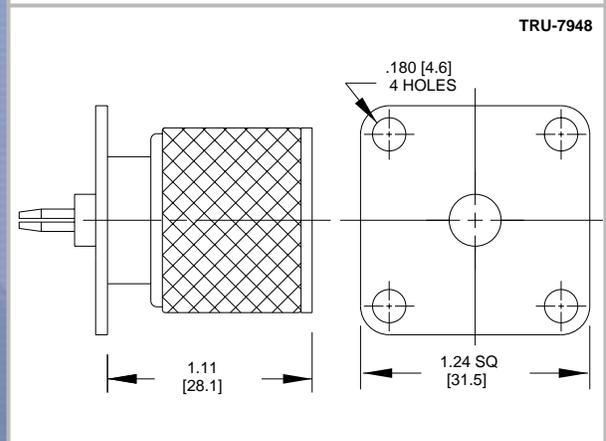
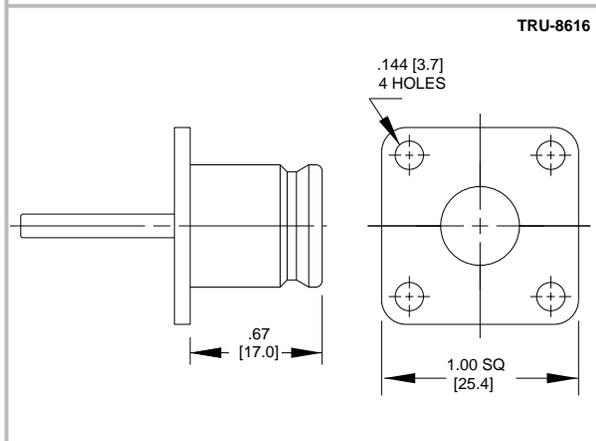
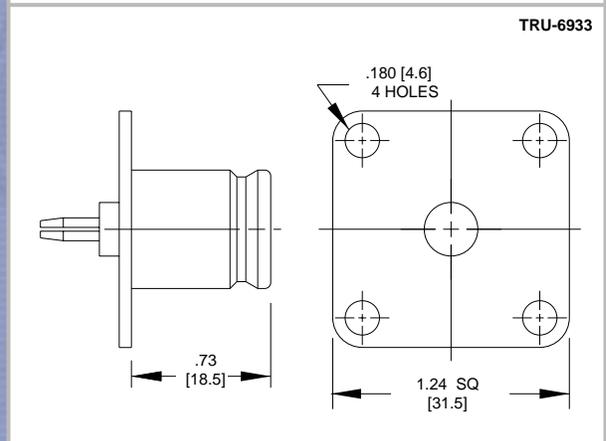
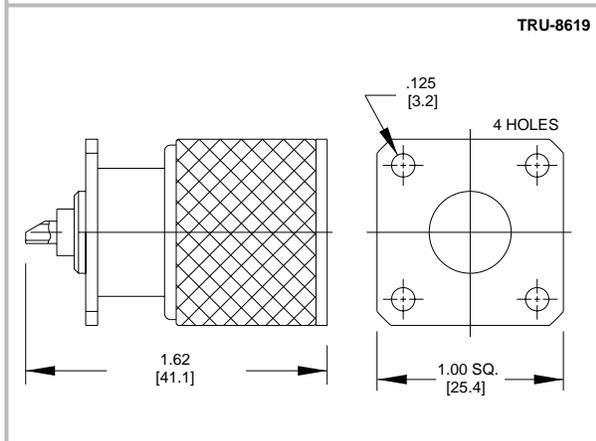
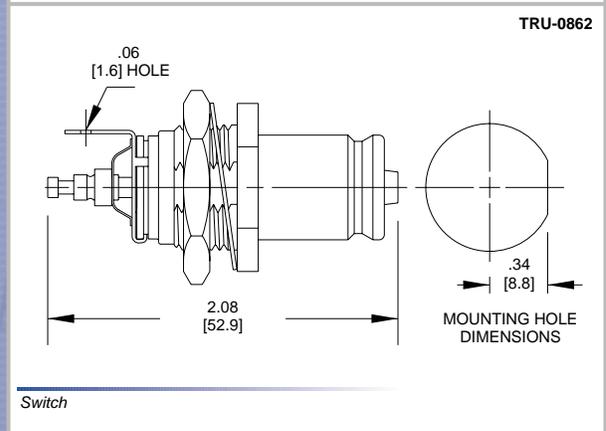
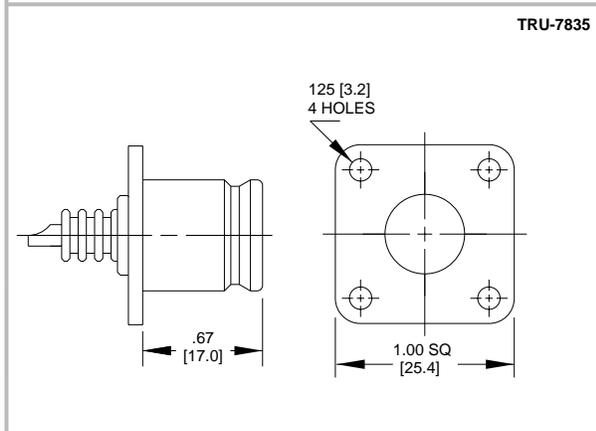
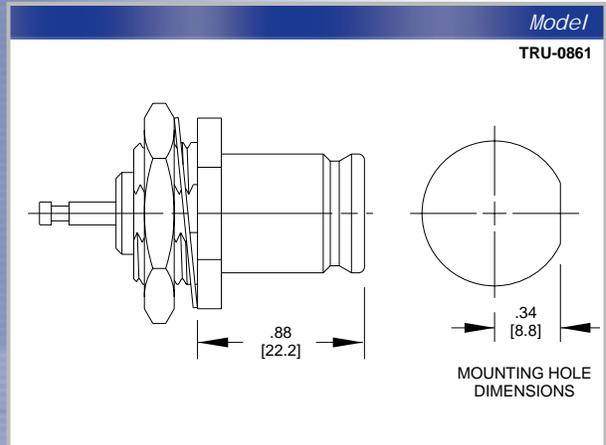
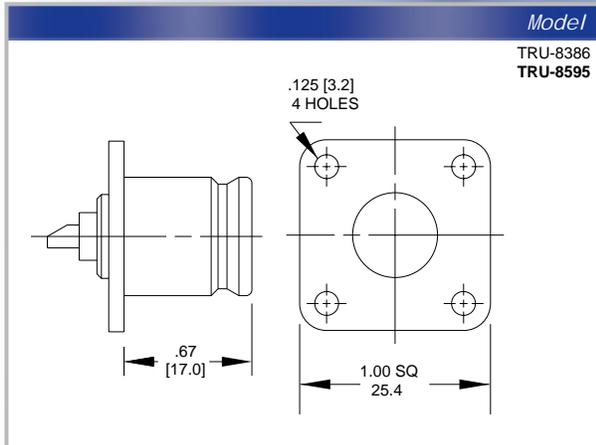
<i>Panel</i>	<i>RG-U Cable Type</i>	<i>Model</i>
	RG-8A, 9B, 11A, 13A, 87A, 213, 214, 216, 225/U RG-393/U	TRU-2167 TRU-8127
Cable Attachment: Clamp		

<i>Panel</i>	<i>RG-U Cable Type</i>	<i>Model</i>
	RG-8A, 9B, 11A, 13A, 87A, 213, 214, 216, 225/U	TRU-0442
Cable Attachment: Armor Clamp		

<i>Panel</i>	<i>RG-U Cable Type</i>	<i>Model</i>
	RG-8A, 9B, 11A, 13A, 87A, 213, 214, 216, 225/U	TRU-2662
Cable Attachment: Armor Clamp		



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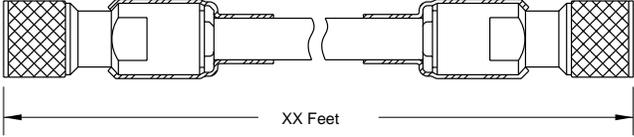
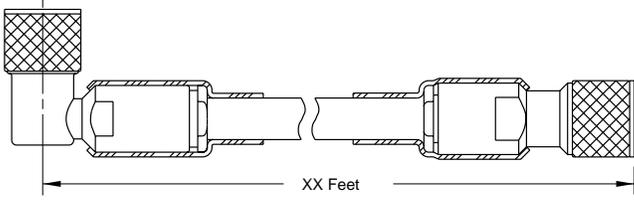
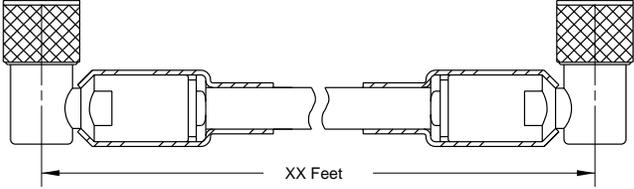
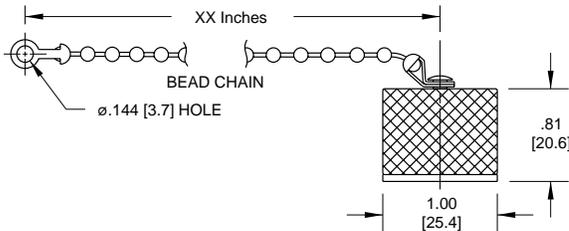
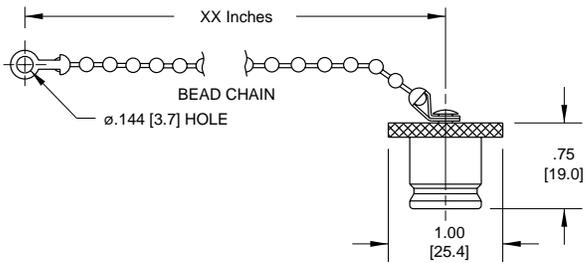


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<i>Between Series</i>	<i>Model</i>	<i>Model</i>	<i>Model</i>
QDS Male to N Male 	TRU-8615	QDS Female to N Female 	TRU-8602
QDS Female to N Male 	TRU-8603	QDS Male to N Female 	TRU-8604
QDS Male to C Female 	TRU-0435	QDS Male to HN Male 	TRU-7770
QDS Female to HN Male 	TRU-0434	QDS Female to HN Female 	TRU-7769
QDS Female to C Female 	TRU-8617	QDS Female to N Male 	TRU-5475
QDS Female to N Female 	TRU-3254	QDS Female to HN Female 	TRU-3963
<i>Panel</i>	<i>Panel</i>	<i>Panel</i>	

<i>In-Series</i>	<i>Model</i>	<i>Model</i>	<i>Model</i>	<i>Model</i>	
Female 	TRU-0417	Female 	TRU-1034	Male to Female 	TRU-0443
Male to Female to Female 	TRU-0425	<i>Straight Bulkhead</i>	<i>Straight Panel</i>	<i>Right Angle</i>	
<i>Tee-Style</i>					



	Cable Type	Connections	Model
 <p>XX Feet</p> <p><i>Straight to Straight Cable Assembly</i></p>	RG-217/U	QDS Male to QDS Male	TRU-8016-XX
	RG-393/U	QDS Male to QDS Male	TRU-8626-XX
 <p>XX Feet</p> <p><i>Right Angle to Straight Cable Assembly</i></p>	RG-217/U	QDS R/A Male to QDS Male	TRU-6919-XX
	RG-393/U	QDS R/A Male to QDS Male	TRU-8627-XX
 <p>XX Feet</p> <p><i>Right Angle to Right Angle Cable Assembly</i></p>	RG-217/U	QDS R/A Male to QDS R/A Male	TRU-8061-XX
	RG-393/U	QDS R/A Male to QDS R/A Male	TRU-8628-XX
 <p>XX Inches</p> <p>BEAD CHAIN</p> <p>ø.144 [3.7] HOLE</p> <p>1.00 [25.4]</p> <p>.81 [20.6]</p>		Cap (Male)	TRU-3124-XX
 <p>XX Inches</p> <p>BEAD CHAIN</p> <p>ø.144 [3.7] HOLE</p> <p>1.00 [25.4]</p> <p>.75 [19.0]</p>		Cap (Female)	TRU-3125-XX