

**G Connectors**

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Prices, specifications, statement of warranty, and other terms and conditions are subject to change without notice by Lighthouse Technologies, Inc.



G series connectors provide consistent electrical performance at 75 ohms impedance. They accommodate .022" to .042" center conductor sizes producing low insertion and high withdrawal forces. Type G receptacles are used in today's 1 GHz amplifier and fiber optic node equipment designs. Lighthouse Technologies also offers a 15 amp G receptacle for use in the new generation of amplifier and fiber optic node equipment for HFC networks. Other applications for the G series connectors include telecommunications and CATV MSOs.

ELECTRICAL RATINGS

Impedance	50 ohm
Frequency Range	0-1 GHz
RF Leakage	-100 dB min @ 1 GHz

MECHANICAL & ENVIRONMENTAL RATINGS

Mating	3/8-24 UNEF threaded coupling
Durability	500 matings
Vibration, Mechanical Shock, Corrosion, Thermal Shock	All connectors comply with MIL-STD 202 specification
Temperature Range	-40°C to + 140°C

MATERIALS

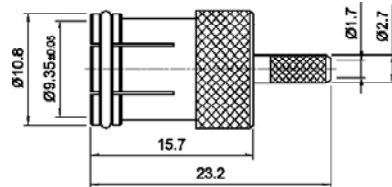
		<i>Material</i>	<i>Plating</i>
Connector Body		Brass per QQ-B-626	Nickel, Bright Acid Tin
Center Contact	<i>Male</i>	Brass per QQ-B-626	Nickel, Tin
	<i>Female</i>	Beryllium Copper per QQ-C-530	Bright Acid Tin
Insulator		Teflon, Polypropylene, Delrin	None
Crimp Ferrule		Annealed Copper per WW-T-799	Same as body



Straight Crimp Plug

Part Number	Cable Type
LTI-GSM11NT-XXX	RG-316,174,188;Q1,D316
LTI-7GSM11NT-179	RG-179 (75 ohm)

TO CREATE COMPLETE PART NUMBER:
Fill in Cable Type where XXX is.
See Part Numbering Chart on page 3 for more info.

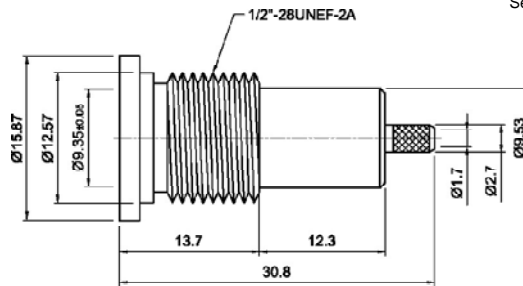


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Recommended Stripping DIMS:
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Bulkhead Crimp Plug

Part Number	Cable Type
LTI-GSM13FNT-XXX	RG-316,174,188;Q1,D316
LTI-7GSM13FNT-179	RG-179 (75 ohm)

TO CREATE COMPLETE PART NUMBER:
Fill in Cable Type where XXX is.
See Part Numbering Chart on page 3 for more info.

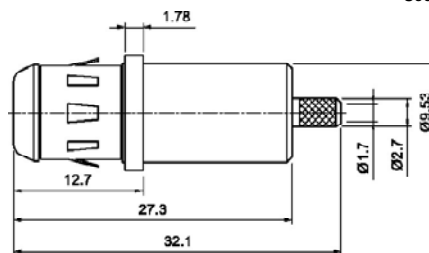


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Recommended Stripping DIMS:
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Straight Crimp Jack

Part Number	Cable Type
LTI-GSF11NT-XXX	RG-316,174,188;Q1,D316
LTI-7GSF11NT-179	RG-179 (75 ohm)

TO CREATE COMPLETE PART NUMBER:
Fill in Cable Type where XXX is.
See Part Numbering Chart on page 3 for more info.

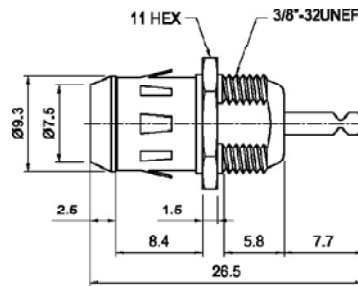


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Recommended Stripping DIMS:
Page 172, Line 40



Front Mount Bulkhead Jack with Tab Terminal

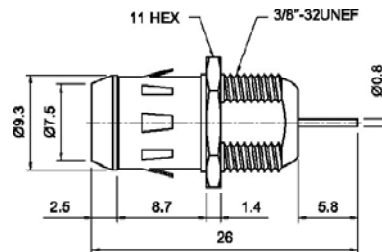
Part Number	M.H.
LTI-GSF73BTP	7



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Front Mount Bulkhead Jack with Solder Post

Part Number	M.H.
LTI-GSF93BTP	7

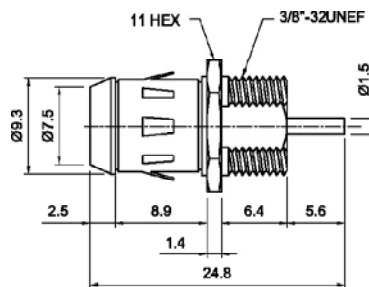


MOUNTING HOLE (M.H.): Page 174

Front Mount Bulkhead Jack with Solder Post

(**15 amp version**)

Part Number	M.H.
LTI-GSF93BTP-15AMP	7

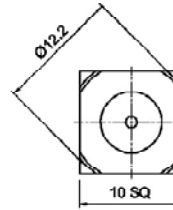
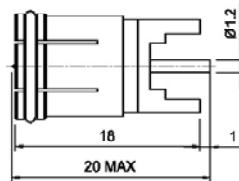


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Vertical PCB Thru Hole Plug

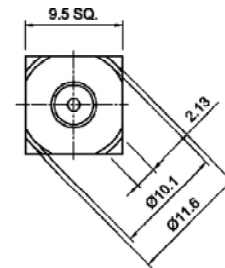
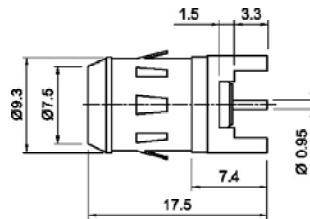
Part Number	M.H.
LTI-GSM54BTP	29



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Vertical PCB Thru Hole Jack

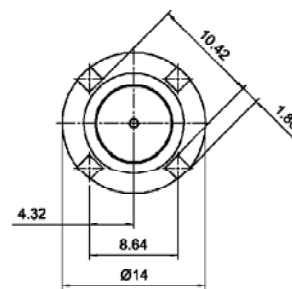
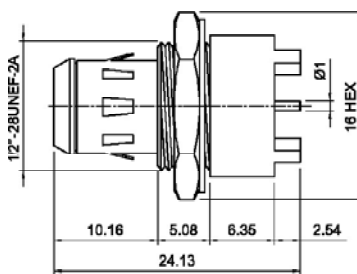
Part Number	M.H.
LTI-GSF54BTP	28



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Vertical PCB Bulkhead Thru Hole Jack

Part Number	M.H.
LTI-GSF543BTP	30



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Adapter, Plug to Plug

Part Number
LTI-A2GSMMBTP

