## Size #12 Pneumatic Contacts
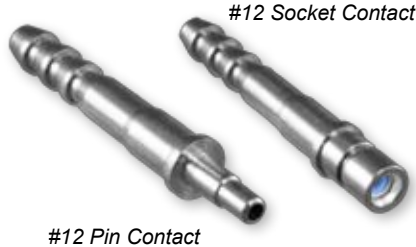
#12 Socket Contact

#12 Pin Contact

Stainless steel pneumatic contacts attach to 3/32 inch (2.38) diameter tubing. Socket contact has o-ring and PTFE backup washers. Contacts snap into size #12 connector cavities. Ideal for pitot tube connections, these pneumatic contacts are rated for 100 PSI maximum air pressure. No installation tool is required. Remove contacts with plastic extraction tool 809-132.
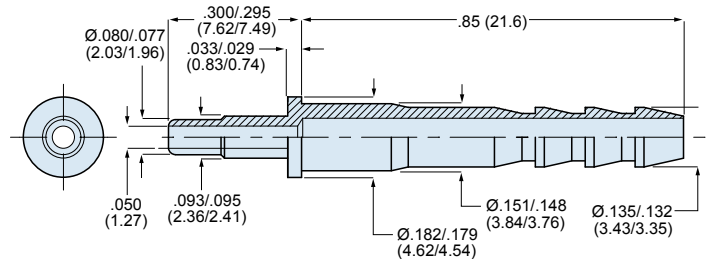
Contact Type	Tube I.D.	Part Number
Pin	.094 (2.38)	**857-011**
Socket	.094 (2.38)	**857-010**

Material and Finish
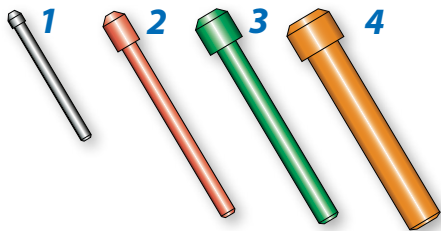Body and Cap: stainless steel, passivated
O-ring: fluorosilicone
Washers: PTFE
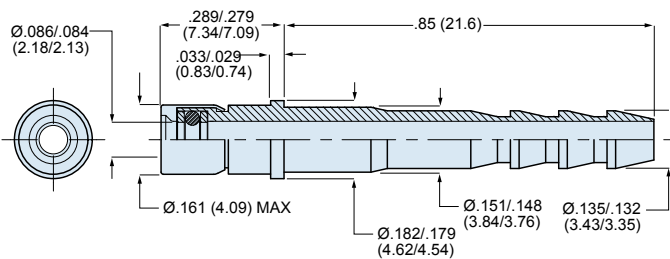
857-010 Socket Contact

857-011 Pin Contact

Grommet Sealing Plugs

1 2 3 4

Grommet sealing plugs are used to seal unwired contact cavities. The size #23 sealing plug is specially designed to fit Glenair Series 80 grommets. Sizes 20, 16 and 12 plugs conform to MS27488 requirements. After installing unwired contacts into unused cavities, insert knob end of sealing plug into grommet until it bottoms against the unwired contact per illustration. Install sealing plugs with standard contact insertion/extraction tools . Size #23 plug is polyphenylsulphone, other sizes are per MS27488 requirements.

Fig.	Size	Color	Part Number	Military Part Number	Insertion/ Removal Tool	A Ref. in.	A Ref. mm.	B Ref. in.	B Ref. mm.	C Ref. in.	C Ref. mm.	D Ref. in.	D Ref. mm.
1	#23	Black	**809-155**	(None)	M81969/14-01	.040	1.02	.51	13.0	.052	1.32	.050	1.27
2	#20	Red	**859-012**	MS27488-20-2	M81969/14-11	.053	1.35	.82	20.8	.085	2.16	.125	3.18
3	#16	Green	**859-013**	MS27488-16-2	M81969/14-03	.074	1.88	.88	22.4	.125	3.18	.125	3.18
4	#12	Orange	**859-014**	MS27488-12-2	M81969/14-04	.120	3.05	.85	21.6	.165	4.19	.125	3.18

Here's a Tip

Installation of Sealing Plugs
"When installing sealing plug in connector cavities without contacts, the end opposite the knob shall be inserted first and the knob shall be seated against the grommet face. When installing into cavities with contacts, the sealing plugs shall be installed knob end first and shall bottom on the contact wire barrel."
(NAVAIR 01-1A-505–1 Installation manual)

UNWIRED CONTACT
SEALING PLUG
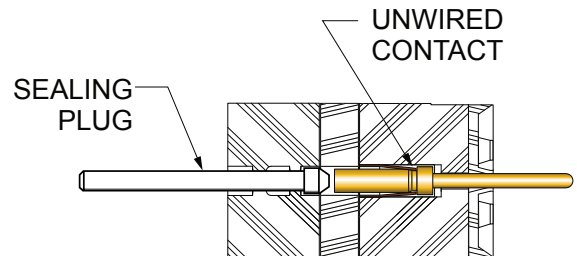
Dimensions in inches (millimeters) and are subject to change without notice.
CAGE Code 06324
Printed in U.S.A.

GLENAIR, INC. • 1211 AIR WAY • GLENDALE, CA 91201-2497 • 818-247-6000 • FAX 818-500-9912
www.glenair.com
A-9
E-Mail: sales@glenair.com
01-JANUARY-2010