

Grommet Sealing Plugs

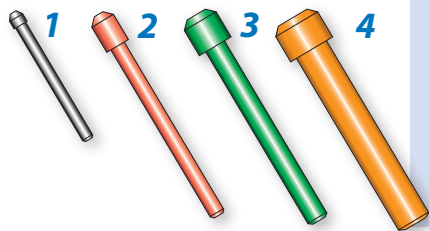
MS27488 Type

Size 0 Through 23



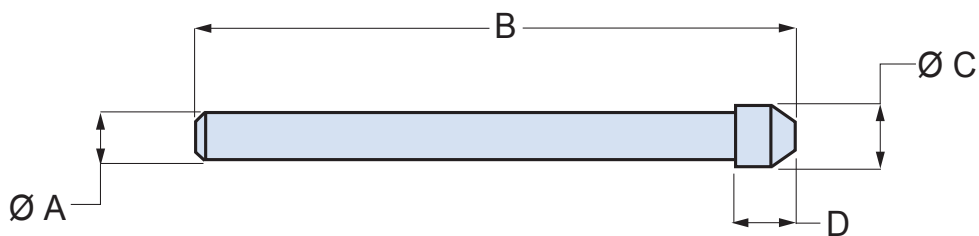
Special Purpose

Grommet Sealing Plugs



Grommet sealing plugs are used to seal unwired contact cavities. The size #23 sealing plug is specially designed to fit Glenair Series 80 Mighty Mouse grommets. Sizes 20 through 0 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 polyphenylsulfone, other sizes are per MS27488 requirements.

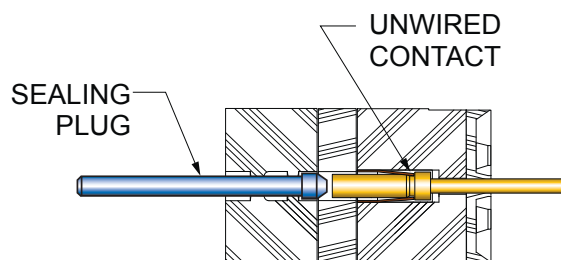
| Fig. | Size | Color | Part Number | Military Part Number | Insertion/Extraction Tool | A Ref. | | B Ref. | | C Ref. | | D Ref. | |
|------|------|--------|----------------|----------------------|---------------------------|--------|-------|--------|------|--------|-------|--------|------|
| | | | | | | in. | mm. | in. | mm. | in. | mm. | in. | 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 | .81 | 20.8 | .085 | 2.16 | .125 | 3.18 |
| 3 | #16 | Green | 859-013 | MS27488-16-2 | M81969/14-03 | .074 | 1.88 | .87 | 22.1 | .125 | 3.18 | .125 | 3.18 |
| 4 | #12 | Orange | 859-014 | MS27488-12-2 | M81969/14-04 | .120 | 3.05 | .84 | 21.3 | .165 | 4.19 | .125 | 3.18 |
| N/A | #8 | Red | | MS27488-8-3 | Not Recommended | .170 | 4.32 | 1.19 | 30.2 | .310 | 7.87 | .125 | 3.18 |
| N/A | #4 | Blue | | MS27488-4-3 | Not Recommended | .278 | 7.06 | 1.19 | 30.2 | .409 | 10.39 | .125 | 3.18 |
| N/A | #0 | Yellow | | MS27488-0-3 | Not Recommended | .423 | 10.74 | 1.07 | 27.2 | .601 | 15.27 | .125 | 3.18 |



Installation of Sealing Plugs

"It is recommended to install unwired contacts in unused holes. Insert sealing plug behind each unwired contact. Push sealing plug (large end first) until seated."

(NAVAIR 01-1A-505-1 Installation manual)



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