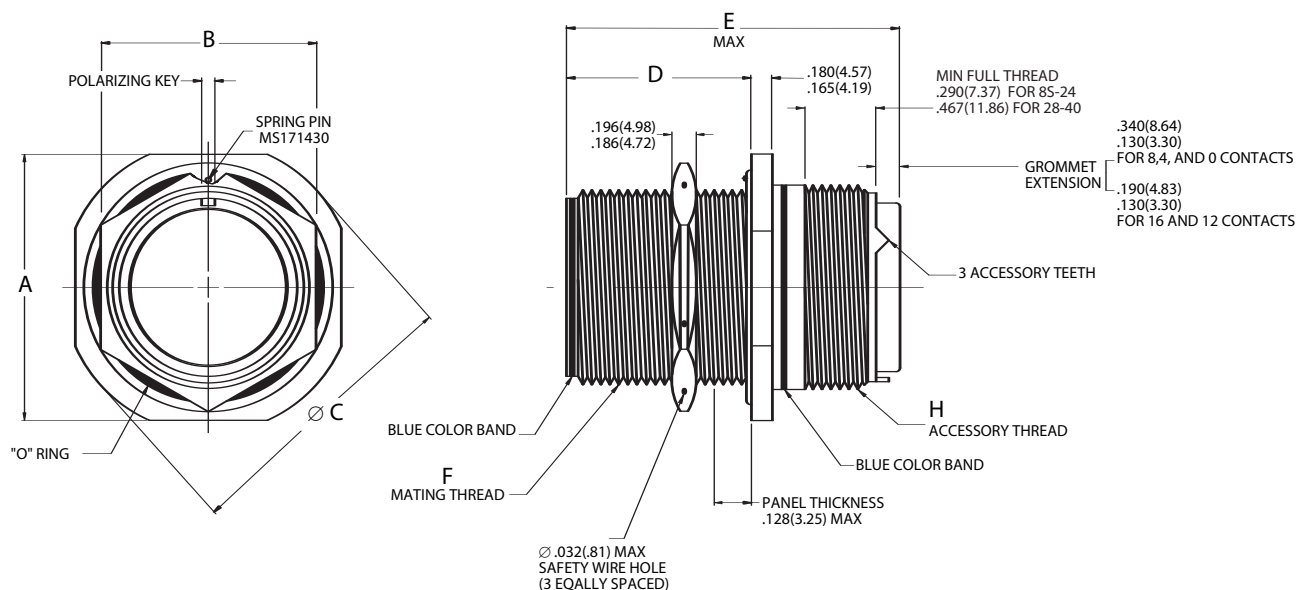


**MS3454 per AS34541**  
**Jam Nut Receptacle**  
**AE554**



**Threaded Coupling, Crimp Removable, Rear Release**



|             |                                             |
|-------------|---------------------------------------------|
| Page 48     | Completed Part Number                       |
| Page 56     | Contacts, Sealing Plugs and Tools           |
| Pages 63–68 | Insert Arrangements                         |
| Page 47     | Performance Specifications                  |
| Pages 58–62 | Insert Availability and Contact Information |
| Page 58     | Polarization                                |

**Note:** Maximum grommet O.D. is same as  $\varnothing$  E MAX on next page.

| Shell Size | A          |           | B          |           | $\varnothing$ C |           | D          |           | E MAX            |                   | F                      | H                         |
|------------|------------|-----------|------------|-----------|-----------------|-----------|------------|-----------|------------------|-------------------|------------------------|---------------------------|
|            | $\pm$ .005 | $\pm$ .13 | $\pm$ .010 | $\pm$ .25 | $\pm$ .005      | $\pm$ .13 | $\pm$ .005 | $\pm$ .13 | 16 & 12 Contacts | 8, 4 & 0 Contacts | Mating Thread Class 2A | Accessory Thread Class 2A |
|            | inch       | mm        | inch       | mm        | inch            | mm        | inch       | mm        | inch             | mm                |                        |                           |
| 8S         | 1.187      | 30.15     | .687       | 17.45     | 1.272           | 32.31     | .720       | 18.29     | 2.031            | 51.59             | 1/2-28 UNEF            | 1/2-20UNF                 |
| 10S        | 1.312      | 33.32     | .812       | 20.62     | 1.397           | 35.48     | .720       | 18.29     | 2.031            | 51.59             | 5/8-24 UNEF            | 5/8-24UNEF                |
| 10SL       | 1.312      | 33.32     | .812       | 20.62     | 1.397           | 35.48     | .720       | 18.29     | 2.031            | 51.59             | 5/8-24 UNEF            | 5/8-24UNEF                |
| 12         | 1.437      | 36.50     | .937       | 23.80     | 1.522           | 38.66     | .970       | 24.64     | 2.125            | 53.98             | 3/4-20 UNEF            | 3/4-20UNEF                |
| 12S        | 1.437      | 36.50     | .937       | 23.80     | 1.522           | 38.66     | .720       | 18.29     | 2.031            | 51.59             | 3/4-20 UNEF            | 3/4-20UNEF                |
| 14         | 1.562      | 39.67     | 1.125      | 28.58     | 1.647           | 41.83     | .970       | 24.64     | 2.125            | 53.98             | 7/8-20 UNEF            | 7/8-20UNEF                |
| 14S        | 1.562      | 39.67     | 1.125      | 28.58     | 1.647           | 41.83     | .720       | 18.29     | 2.031            | 51.59             | 7/8-20 UNEF            | 7/8-20UNEF                |
| 16         | 1.687      | 42.85     | 1.250      | 31.75     | 1.772           | 45.01     | .970       | 24.64     | 2.125            | 53.98             | 1-20 UNEF              | 1-20UNEF                  |
| 16S        | 1.687      | 42.85     | 1.250      | 31.75     | 1.772           | 45.01     | .720       | 18.29     | 2.031            | 51.59             | 1-20 UNEF              | 1-20UNEF                  |
| 18         | 1.812      | 46.02     | 1.375      | 34.93     | 1.897           | 48.18     | .970       | 24.64     | 2.125            | 53.98             | 1 1/8-18 UNEF          | 1-1/16-18UNEF             |
| 20         | 1.937      | 49.20     | 1.500      | 38.10     | 2.022           | 51.36     | .970       | 24.64     | 2.125            | 53.98             | 1 1/4-18 UNEF          | 1-3/16-18UNEF             |
| 22         | 2.156      | 54.76     | 1.625      | 41.28     | 2.241           | 56.92     | .970       | 24.64     | 2.125            | 53.98             | 1 3/8-18 UNEF          | 1-5/16-18UNEF             |
| 24         | 2.281      | 57.94     | 1.750      | 44.45     | 2.366           | 60.10     | .970       | 24.64     | 2.125            | 53.98             | 1 1/2-18 UNEF          | 1-7/16-18UNEF             |
| 28         | 2.531      | 64.29     | 2.000      | 50.80     | 2.616           | 66.45     | .970       | 24.64     | 2.125            | 53.98             | 1 3/4-18 UNS           | 1-3/4-18UNS               |
| 32         | 2.781      | 70.64     | 2.375      | 60.33     | 2.866           | 72.80     | .970       | 24.64     | 2.125            | 53.98             | 2-18 UNS               | 2-18UNS                   |
| 36         | 3.031      | 76.99     | 2.625      | 66.68     | 3.116           | 79.15     | .970       | 24.64     | 2.125            | 53.98             | 2 1/4-16 UN            | 2-1/4-16UN                |
| 40         | 3.281      | 83.34     | 2.875      | 73.03     | 3.366           | 85.50     | .970       | 24.64     | 2.125            | 53.98             | 2 1/2-16 UN            | 2-1/2-16UN                |