

# Amphenol

## 62GB Miniature Bayonet 10-76 Connector Variant



The miniature bayonet connector series offers designers important features not found in any other range of connectors. They are developed and manufactured entirely in the U.K. 62GB connectors have been well established globally on both industrial military communication projects, including Europe, Canada and India.

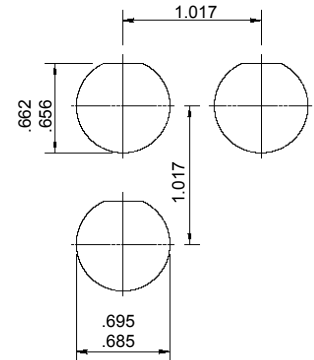
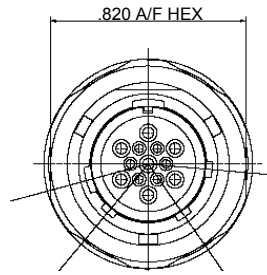
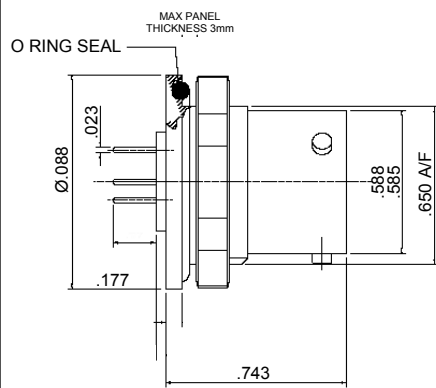
- 10-76 has a plating finish of zinc cobalt olive drab.
  - This has a high resistance to corrosion and has been dictated on Bowman in the U.K.
- Shell size 10 throughout the connector range
- Contacts are gold plated and 10-76 planform consists only of 7 size 20 contacts and 6 size 22 contacts
- Operating temperature is  $-55^{\circ}\text{C}$  to  $125^{\circ}\text{C}$
- Shells are keyed to prevent mismating between shells of different orientations
- Designation F is for Radio Audio, N for Data and E for Ethernet.
- Orientation N is for Data
- Other orientations available are B and C

The 10-76 series is designed specifically to be backward compatible with the Clansman 10-07 planform that has been in use over the last thirty years. It is specified on the Bowman radio system.

A 10-76 receptacle that has socket contacts will mate with a 10-07 plug that has pin contacts.

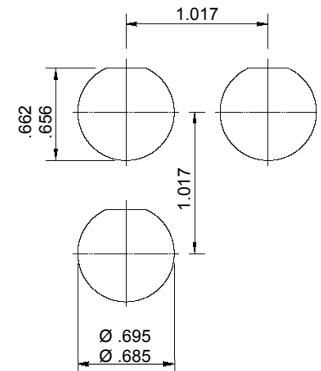
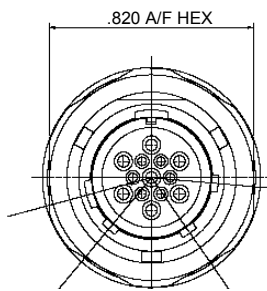
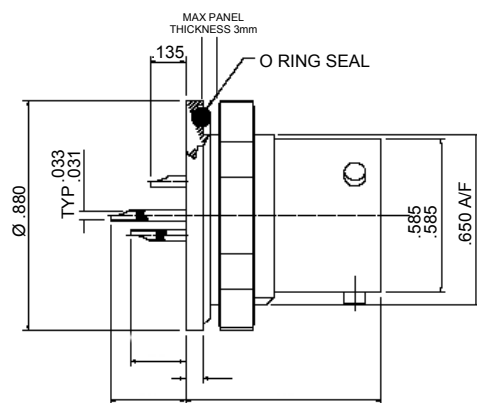
## Technical Information

## 62-5282-10-76S\*



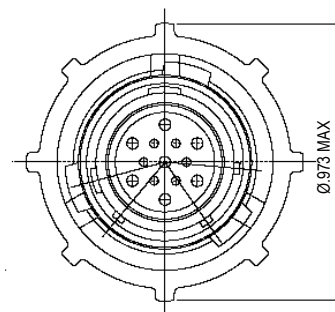
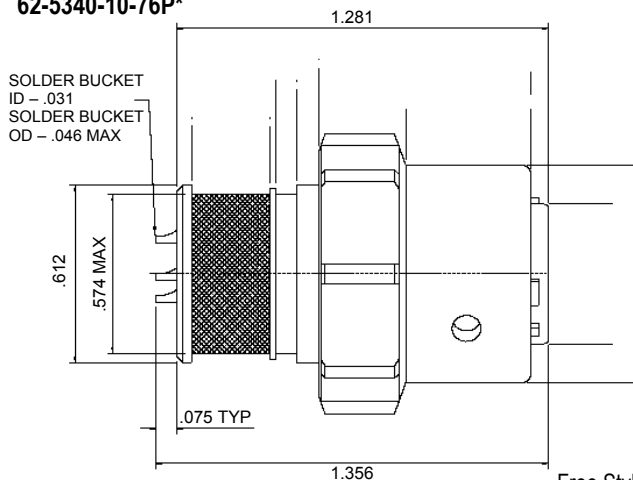
Jam Nut Receptacle with PCB Contacts in Socket Style  
Replace \* with Orientation N or F

## 62-5283-10-76S\*



Jam Nut Receptacle with Solder Bucket Termination Contacts  
Replace \* with Orientation N or F

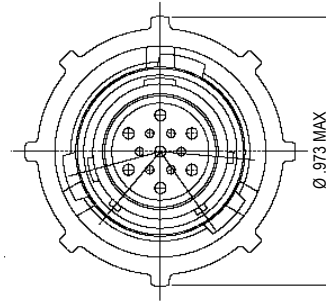
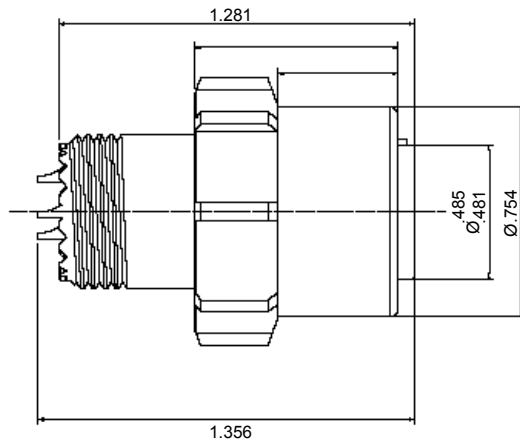
## 62-5340-10-76P\*



Free Style Plug with integral Backshell for Micro Band Strap and Heatshrink Boot  
Pin Contacts with Solder Bucket Termination  
Replace \* with Orientation N or F

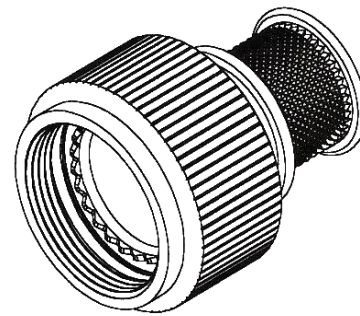
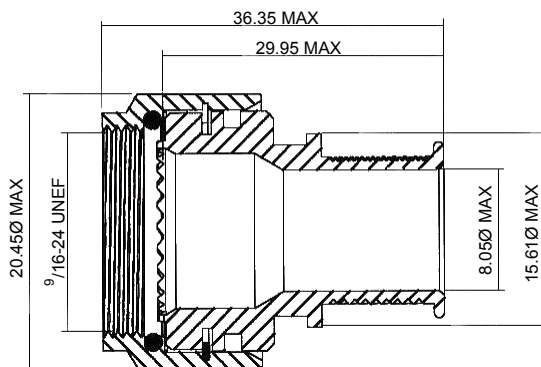
## Technical Information

62-5338-10-76P\*



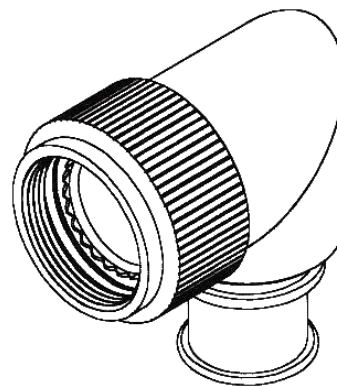
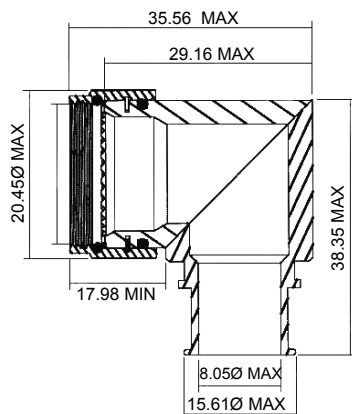
Free Style Plug with Thread to accept AIA 5001 range of Backshells  
Replace \* with Orientation N or F

AIA-5001-10-00-00-10-AA-04



Straight Backshell to suit 62-5338-10-76P\*

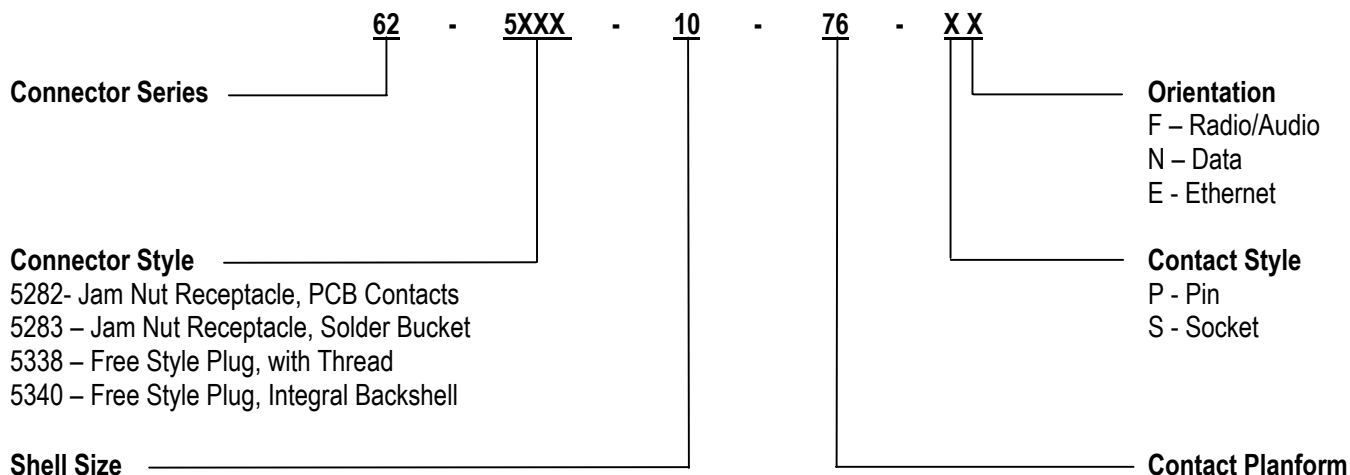
AIA-5001-10-00-00-10-AA-04



90° Backshell to suit 62-5338-10-76P\*

## Part Number Information

### Connectors



### Backshell – Straight

- AIA-5001-10-00-00-10-AA-04
- HE 100 – Spring
- 608-107-14 – Band Strap
- 154-42-GW24 – Straight Heatshrink Boot

### Backshell – 90°

- AIA-5001-10-00-00-90-AA-04
- HE 100 – Spring
- 608-107-14 – Band Strap
- 1154-4-GW24 – 90° Heatshrink Boot

Micro Band Strap for 62-5340 connector – 600-057

### Dust Caps

- 62GB-813-10 – Receptacle Cap and Cord, Zinc Cobalt Olive Drab
- 62GB-810-10 – Plug Cap and Cord, Zinc Cobalt Olive Drab

Cadmium Olive Drab plate available on request.

For Dust Cap detail and alternative options, please see 62GB Accessory catalogue.

For Cable Assemblies, please consult factory.

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