

MATERIAL AND FINISHES

- 50 Connector Uses 10-32 Thread
- 70 Connector Uses 12-32 Thread
- 93 Connector Uses 1/4-32 Thread
- 1. Housing: Cold Rolled Steel Silver Plate
- 2. Gasket: Neoprene or Silicone Rubber
- 3. Insulator: Teflon
- 4. Glass Seal
- 5. Center Contact: Nickel Iron Alloy Contact with Slotted Turret Type Solder Pot (other terminations available)

SERVICE AND PERFORMANCE DATA

Temperature Range:	65 F to 450 F.
Electrical:	750 V ac Working Voltage
Performance:	1200 V ac Test at sea level
INSULATION RESISTANCE	
5000 Megohms at 500 V dc (Room Temperature)	
Shock:	100 G's Minimum
Pressure:	100 PSI Minimum
Leak Rate Per Seal:	Less than 1.04×10^{-8} cc/sec. (0.01 Micron cubic ft./hr) of 100% helium tested at one atmosphere pressure differential far exceeding requirements of MIL-C-26500 and MIL-C-26482
Plating:	Silver unless otherwise specified.

COAXIAL SCREW-ON, SLIDE-ON SERIES

CONFIGURATIONS

BULKHEAD SOLDER MOUNT

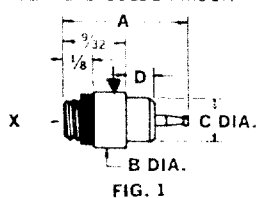


FIG. 1

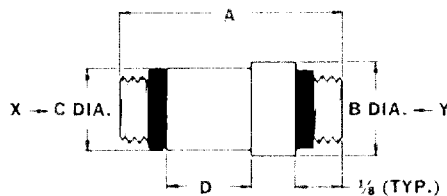


FIG. 2

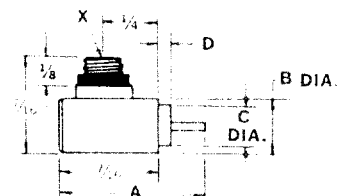


FIG. 3

Part No.	Fig.	A	B Dia.	C Dia. ± .015	D	X*	Y*
051-0049-0001	1	9/16	1/4	.200	1/8	S-50	—
051-0056-0001	1	9/16	5/16	.251	1/8	S-93	—
053-0228-0001	2	19/32	1/4	.227	15/64	S-50	S-50
051-0315-0001	3	21/32	1/4	.195	1/16	S-50	—

Dimensions are subject to change without notice.

BULKHEAD SOLDER MOUNT, PANEL INSULATED

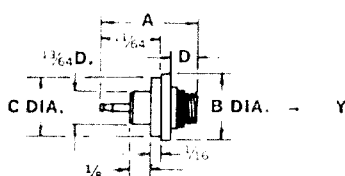


FIG. 1

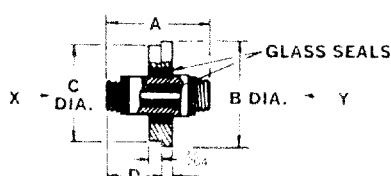


FIG. 2

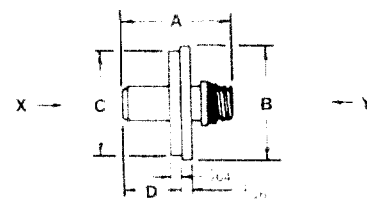


FIG. 3

Part No.	Fig.	A	B Dia.	C Dia. ± .015	D	X*	Y*
051-0232-0001	1	9/16	13/32	.370	11/64	—	S-50
053-0227-0001	2	39/64	5/8	.540	19/64	S-50	S-50
053-0412-0001	2	39/64	5/8	.540	19/64	S-93	S-93
053-0028-0001	3	39/64	5/8	.540	19/64	SOS-50	S-50

* "S" Indicates Screw on Series

* "SOS" indicates Slide on Series

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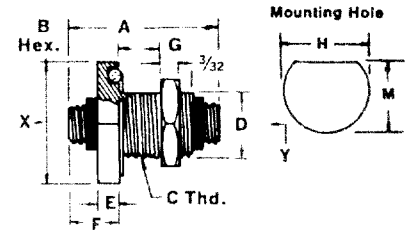
COAXIAL SCREW-ON, SLIDE-ON SERIES

CONFIGURATIONS

MICROMINIATURE COAXIAL RECEPTACLES

Part No.	A	B Hex	C Thd	D	E	F	G	H	M	X*	Y*
053-0455-0001	11/16	9/16	5/16-32 UNEF-2A	19/64	6/64	13/64	1/4	.312	.291	S-50	S-50
053-0636-0001	59/64	5/8	3/8-32 UNEF-2A	11/32	5/64	13/64	7/16	.375	.347	S-93	S-93

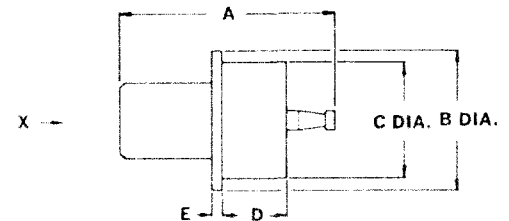
Dimensions are subject to change without notice.



SOLDER MOUNT SLIDE-ON SERIES RECEPTACLES

Part No.	A	B Dia.	C Dia. .015	D	E	X*
051-0134-0001	9/16	3/8	.309	11/64	1/32	SOS-50 .70.93
051-0158-0001	9/16	1/4	.200	1/8	3/64	SOS-50 .70.93

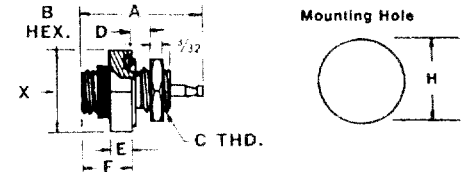
Dimensions are subject to change without notice.



SINGLE HOLE MOUNT RECEPTACLES

Part No.	A	B Hex	C Thd.	D	E	F	H	X*
051-0249-0001	9/16	3/8	12-32 UNEF-2A	5/64	7/64	15/64	.218	S-50
051-0154-0001	21/32	5/8	3/8-32 UNEF-2A	5/32	5/64	13/64	.375	S-93

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MULTI-COAX CONNECTORS

SINGLE HOLE MOUNT 7 COAX FEED-THRU

PRESSURE:
250 PSI Max.

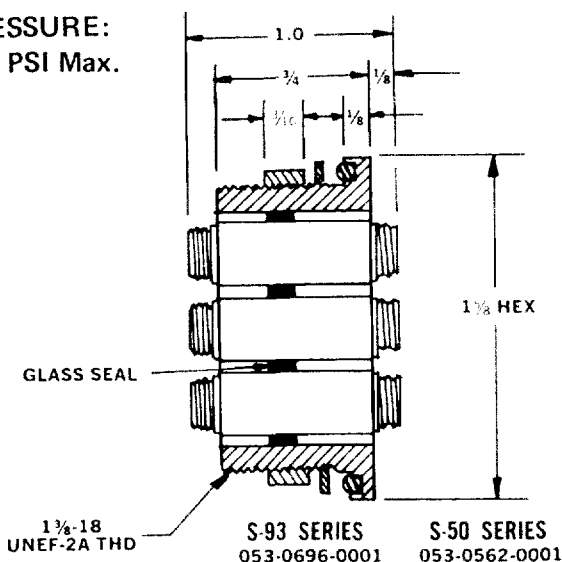
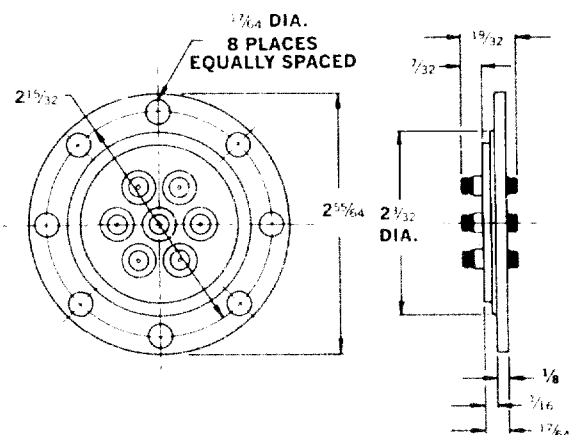


PLATE MOUNT 7 COAX FEED-THRU



S-50 SERIES
053-0621-0001

S-93 SERIES
053-0697-0001

*"S" Indicates Screw on Series
"SOS" Indicates Slide on Series

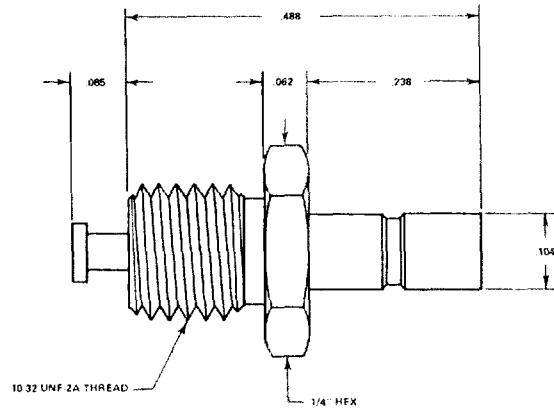
coaxial connectors

HERMETIC CONNECTORS

SMB/SMC STYLE CUSTOM COAXIAL CONNECTORS

CONFIGURATIONS

058-0045-0001



Dimensions are subject to change without notice.

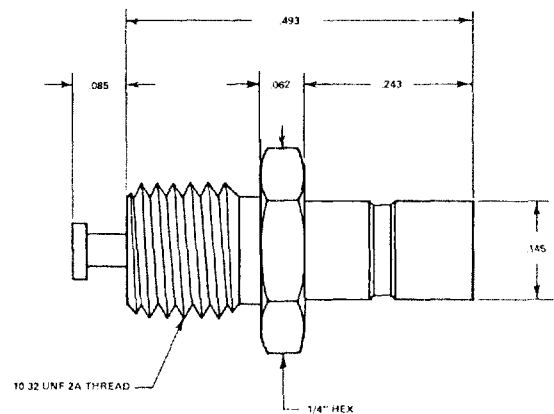
PERFORMANCE DATA

Voltage Rating	200 Vac rms at sea level
Dielectric Withstanding Voltage	500 Vac rms 60 cycles
Insulation Resistance	100 megohms minimum
Temperature Range	-65°C to 165°C
Leakage	1 x 10 ⁻⁹ cc/sec @ 1 atmosphere pressure differential

SPECIFICATION DATA

Interface	MIL-C-39012 (SMB style push-pull) (SMC style screw thread)
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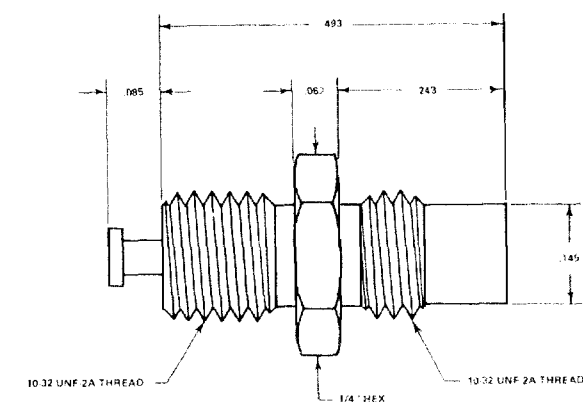


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MATERIAL AND FINISHES

Contact and Ring	Inconel X750
Shell	Beryllium copper
Dielectric	Compression-glass and Teflon
Plating	Gold

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