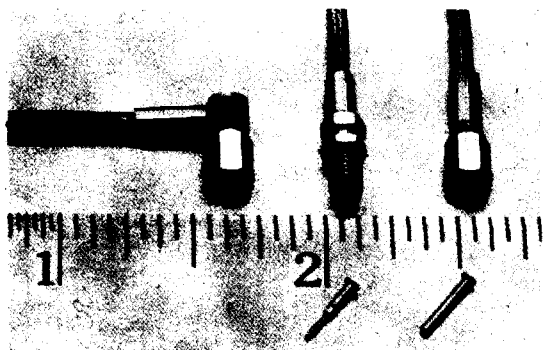


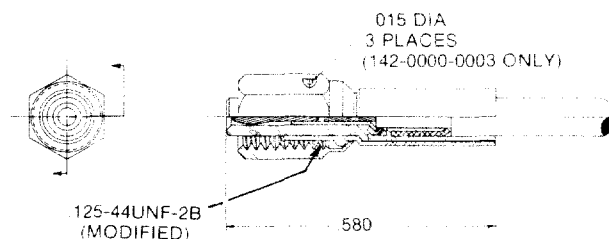
SCREW-ON SERIES FEATURING TWIST/CON PIN AND SOCKET



Microdot TWIST/CON pins and sockets are used in LEPR/CON connectors. TWIST/CON pins are produced from beryllium copper material with a gold-plated finish and constructed with helically-wound stress free cable of spring copper around a highly conductive soft copper core, terminated with a hemispherical weld. TWIST/CON contains 7 self-wiping spring surfaces, assuring consistent continuity and very low noise level. TWIST/CON is self-aligning because of the contact-engaging-end configuration. TWIST/CON sockets are a closed entry tubular-type contact, made of gold plated copper alloy.

The connectors are designed to be used with coaxial cables RG196/U and RF178/U (Microdot equivalent parts 250-3960-0000 and 250-3957-0000). For other cables see the chart on page 35 or consult the factory.

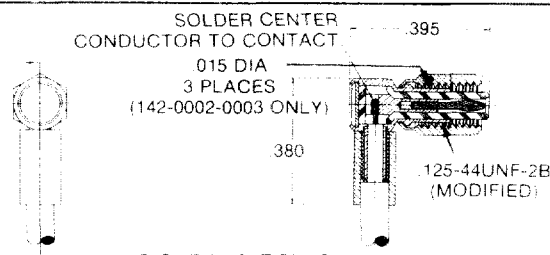
The connectors are designed with the contacts completely protected for reliability. The use of the TWIST/CON contacts makes the connectors very rugged for their size.



STRAIGHT PLUGS

PART NUMBER	NUT STYLE
142-0000-0001	156 Hex
142-0000-0002	160 Dia. Knurl
142-0000-0003	156 Hex w/Safety Wire Holes

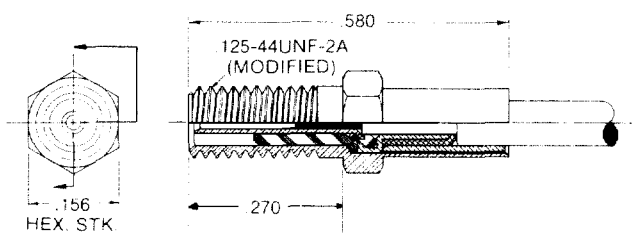
ASSEMBLY INSTRUCTIONS: BE-ASMB-12



RIGHT ANGLE PLUG

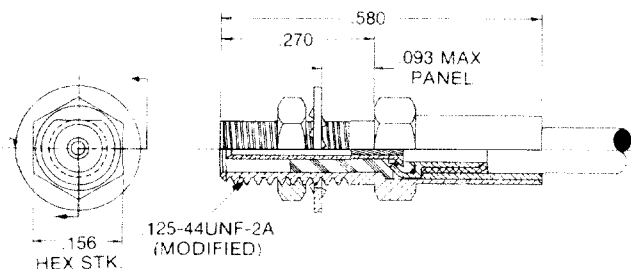
PART NUMBER	NUT STYLE
142-0002-0001	156 Hex.
142-0002-0002	160 Dia. Knurl
142-0002-0003	156 Hex w/ Safety Wire Hole

ASSEMBLY INSTRUCTIONS: BF-ASMB-13



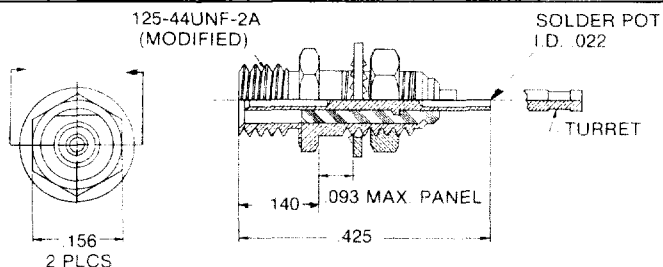
JACK:

ASSEMBLY INSTRUCTIONS RF-ASMB-12
141-0000-0001



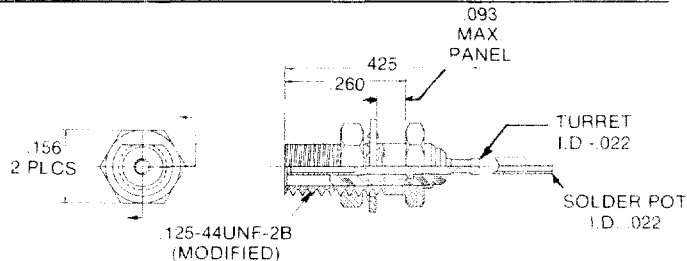
BULKHEAD JACK:

ASSEMBLY INSTRUCTIONS RF-ASMB-12
141-0001-0001



FRONT MOUNT RECEPTACLE:

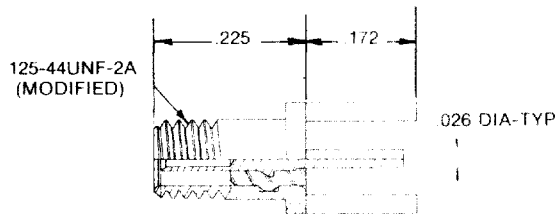
PART NUMBER	CONTACT TAIL
141-0002-0001	Turret
141-0002-0002	Solder Pot



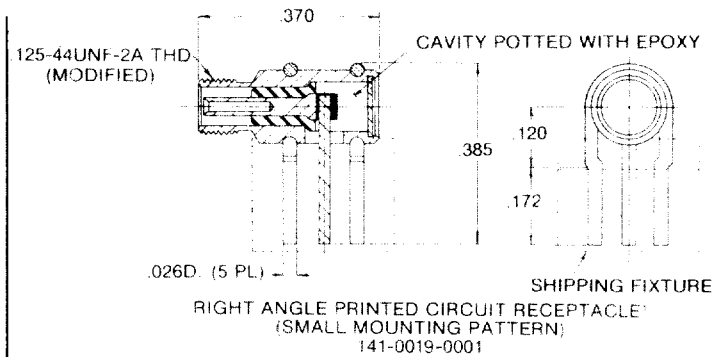
REAR MOUNT RECEPTACLE

PART NUMBER	CONTACT TAIL
141-0003-0001	Turret
141-0003-0002	Solder Pot

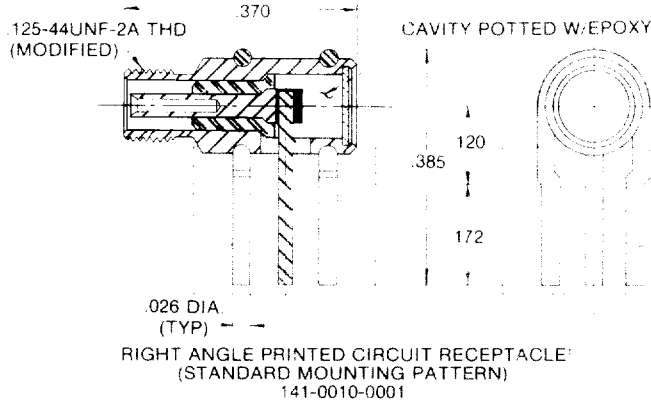
SCREW-ON SERIES FEATURING TWIST/CON PIN AND SOCKET



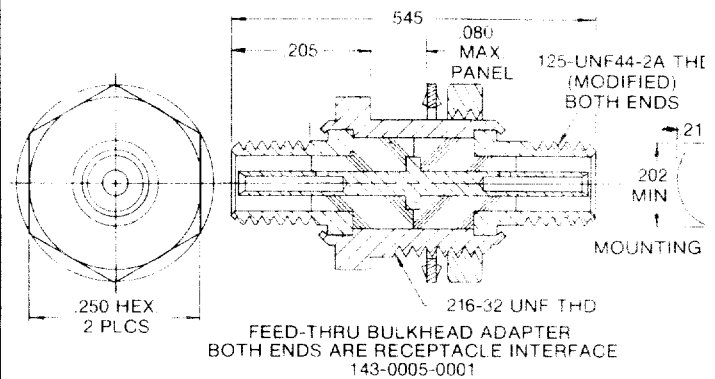
STRAIGHT PRINTED CIRCUIT RECEPTACLE
141-0004-0001



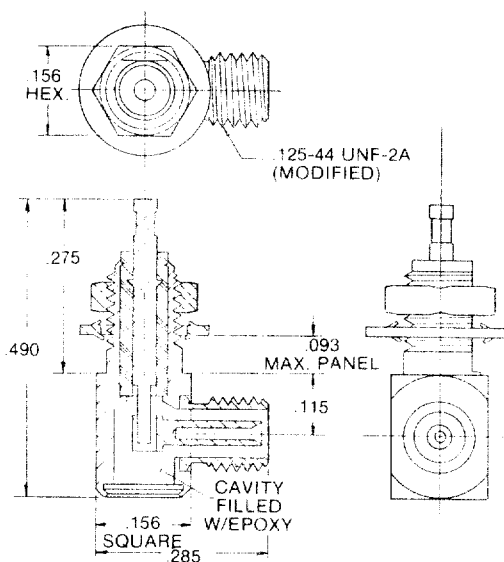
RIGHT ANGLE PRINTED CIRCUIT RECEPTACLE
(SMALL MOUNTING PATTERN)
141-0019-0001



RIGHT ANGLE PRINTED CIRCUIT RECEPTACLE
(STANDARD MOUNTING PATTERN)
141-0010-0001



FEED-THRU BULKHEAD ADAPTER
BOTH ENDS ARE RECEPTACLE INTERFACE
143-0005-0001



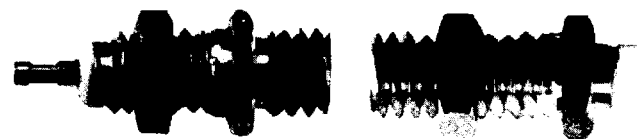
RIGHT ANGLE RECEPTACLE
141-0013-0001



STRAIGHT PLUG



BULKHEAD JACK

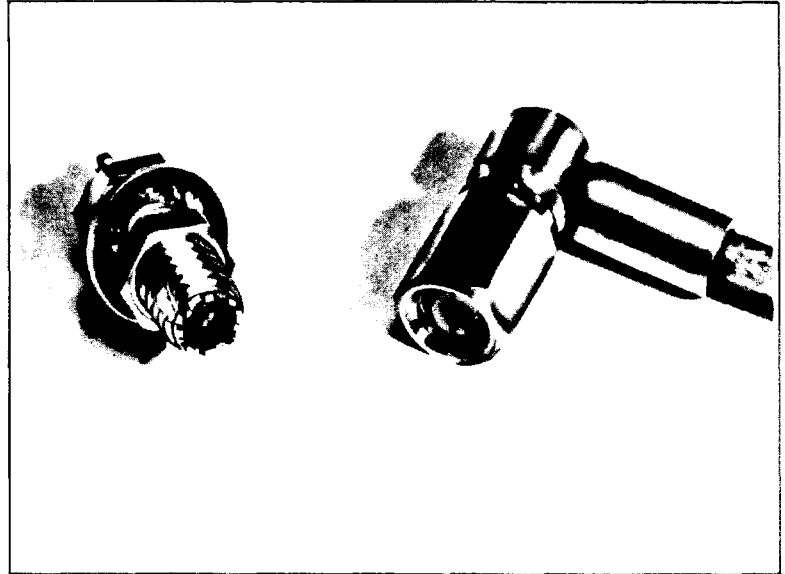


FRONT MOUNT RECEPTACLE REAR MOUNT RECEPTACLE

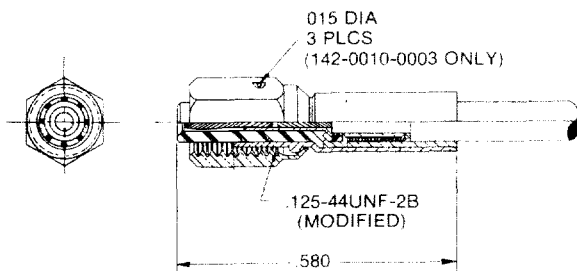
*Mounting hole pattern and assembly tools shown on page 32.

WITH LOCKING INTERFACE

Microdot, South Pasadena's Lepra/Con coaxial connector series is now offered with a unique locking interface feature. This new coupling design permits the user to lock the coaxial plug, when mated to its receptacle, preventing any axial rotation. This adaptation is especially popular on connector installations requiring straight or 90° cable terminations firmly held in a fixed position. The locking interface Lepra/Con is especially suited for telecommunications and instrumentation applications.



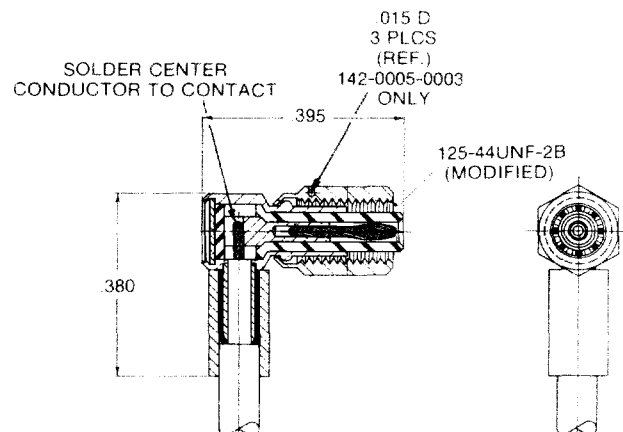
SCREW ON SERIES WITH LOCKING INTERFACE FEATURING TWIST/CON PIN AND SOCKET



STRAIGHT PLUG*

PART NUMBER	NUT STYLE
142-0010-0001	156 Hex
142-0010-0002	.160 Dia. Knurl
142-0010-0003	156 Hex w/Safety Wire Holes

ASSEMBLY INSTRUCTIONS: RF-ASMB-12
142-0010-0001

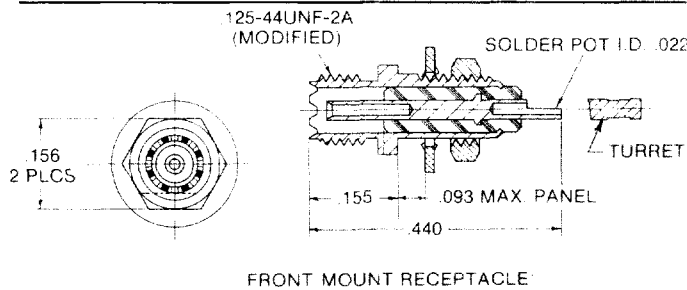
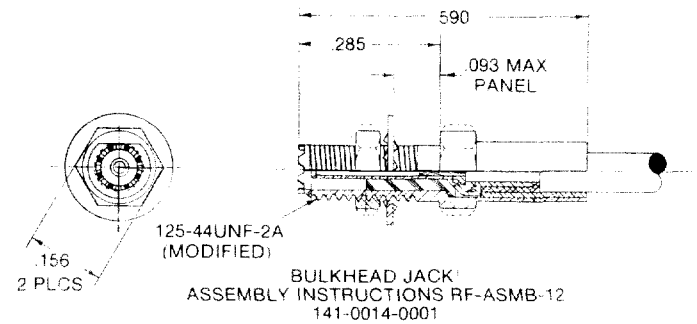
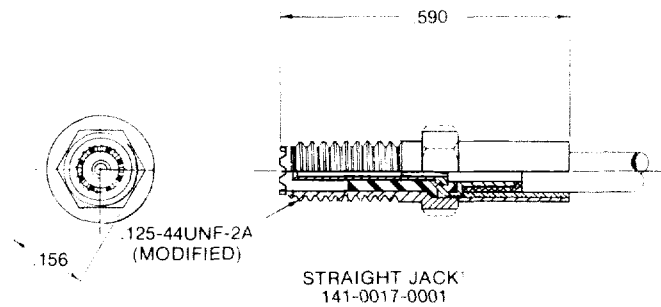


RIGHT ANGLE PLUG*

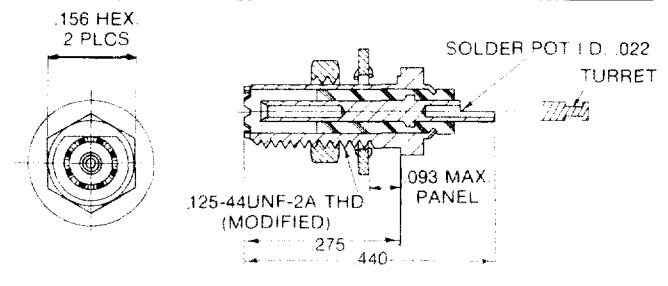
PART NUMBER	NUT STYLE
142-0005-0001	156 Hex.
142-0005-0002	.160 Dia. Knurl
142-0005-0003	156 Hex w/Safety Wire Holes

ASSEMBLY INSTRUCTIONS RF-ASMB-13
142-0005-0001

SCREW ON SERIES WITH LOCKING INTERFACE FEATURING TWIST/CON PIN SOCKET

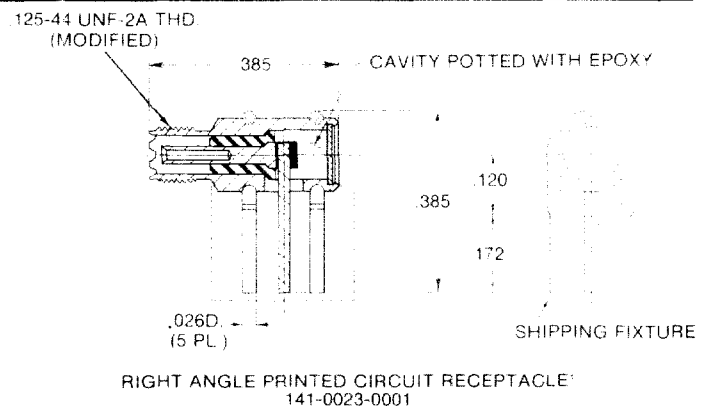
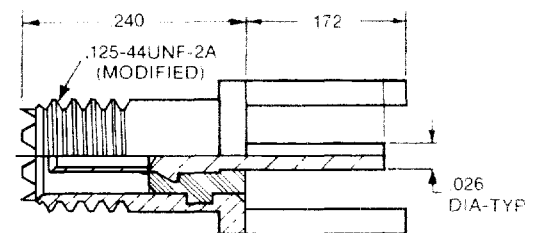
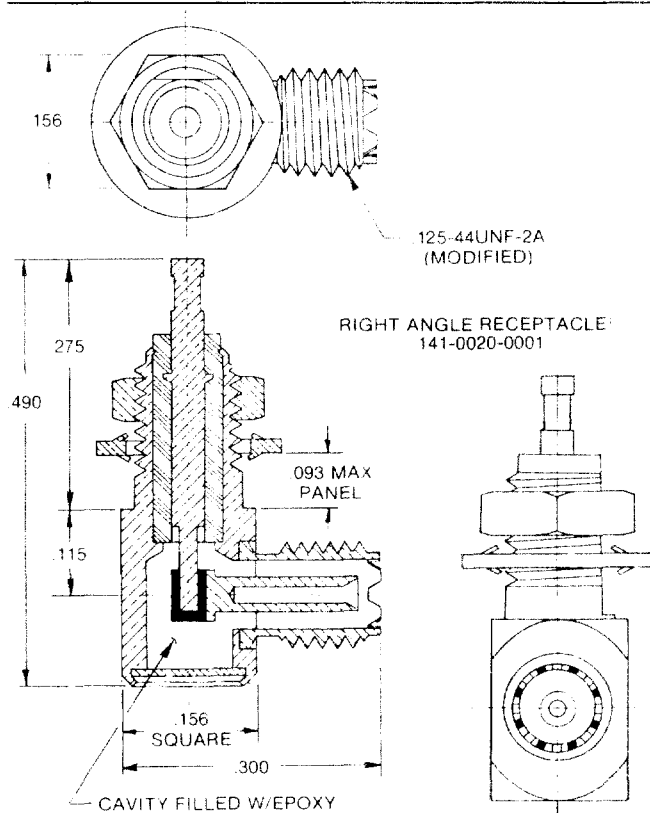


PART NUMBER	CONTACT TAIL
141-0012-0001	Solder Pot
141-0012-0002	Turret



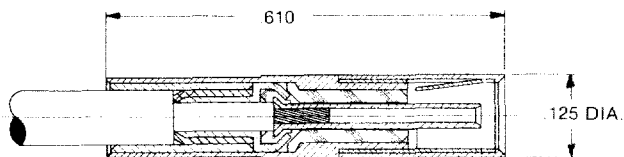
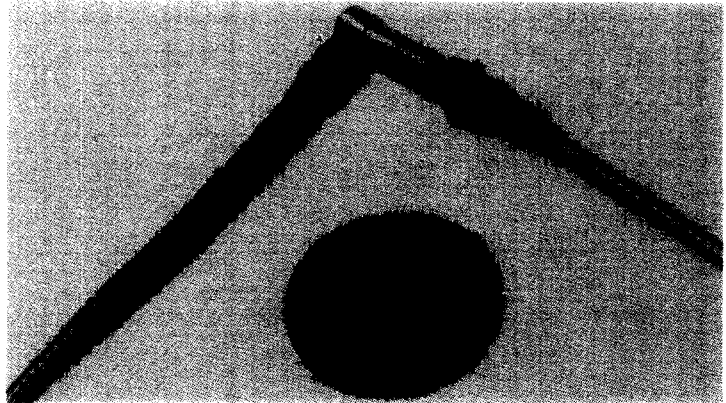
REAR MOUNT RECEPTACLE w/LOCKING INTERFACE

PART NUMBER	CONTACT TAIL
141-0011-0001	Turret
141-0011-0002	Solder Pot

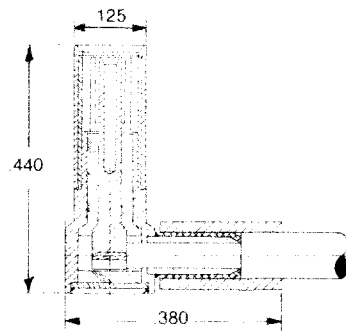


SLIDE ON SERIES FEATURING TWIST/CON PIN AND SOCKET

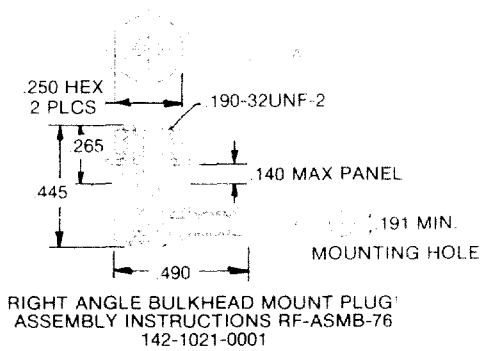
LEPRA/CON SLIDE-ON CONNECTORS OFFER THE MOST CONVENIENT MATING STYLE ALONG WITH ULTRAMINIATURE SIZE. INNER CONTACTS ARE TWIST/CON TUBULAR SOCKETS IN PLUGS AND TWIST/CON PINS FOR JACKS AND RECEPTACLES. POSITIVE HOUSING CONTACT IS PROVIDED BY A THREE FINGER CONTACT IN THE PLUG HOUSING.



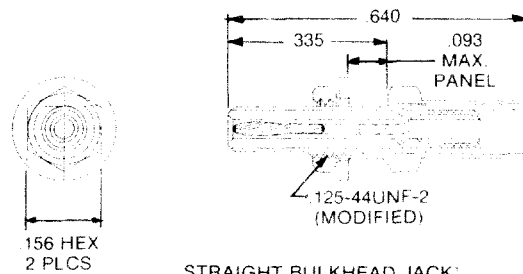
STRAIGHT PLUG¹
ASSEMBLY INSTRUCTIONS RF-ASMB-15
142-1000-0001



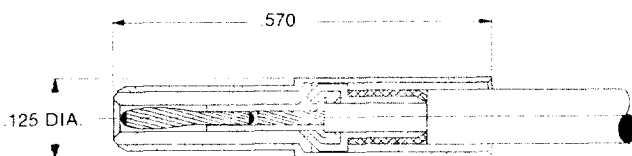
RIGHT ANGLE PLUG¹
ASSEMBLY INSTRUCTIONS RF-ASMB-16
142-1002-0001



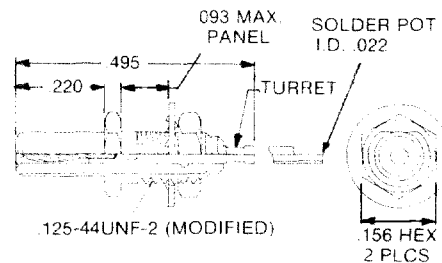
RIGHT ANGLE BULKHEAD MOUNT PLUG¹
ASSEMBLY INSTRUCTIONS RF-ASMB-76
142-1021-0001



STRAIGHT BULKHEAD JACK¹
ASSEMBLY INSTRUCTIONS RF-ASMB-15
141-1001-0001



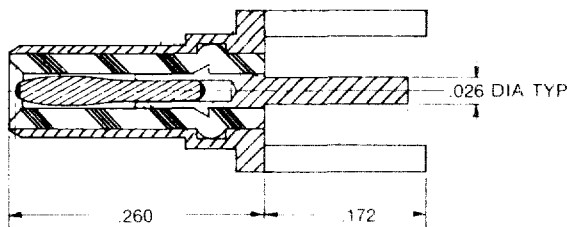
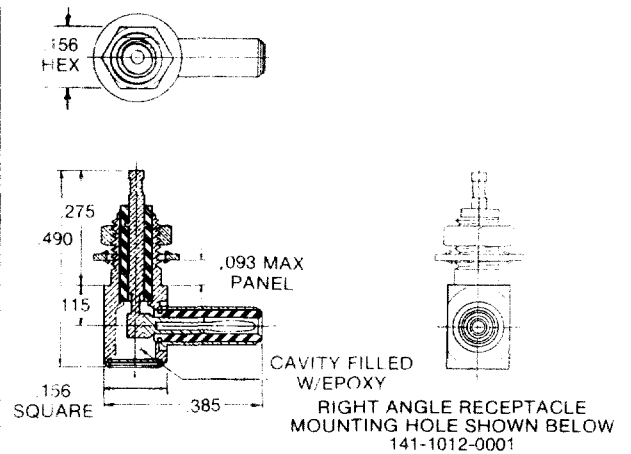
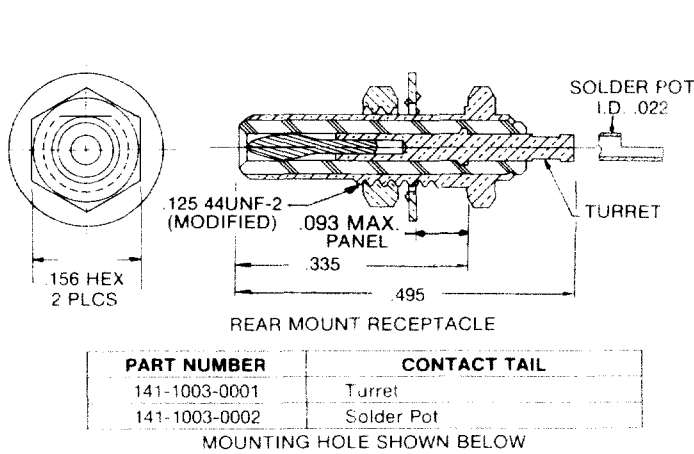
STRAIGHT JACK¹
ASSEMBLY INSTRUCTIONS RF-ASMB-15
141-1000-0001



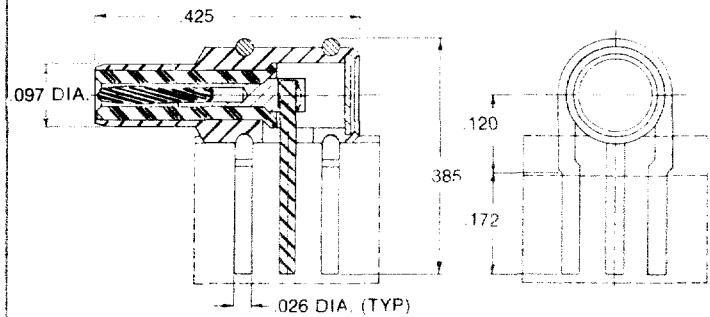
FRONT MOUNT RECEPTACLE¹

PART NUMBER	CONTACT TAIL
141-1002-0001	Turret
141-1002-0002	Solder Pot

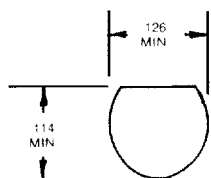
SLIDE ON SERIES FEATURING TWIST/CON PIN AND SOCKET



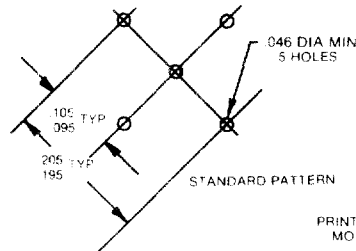
STRAIGHT PRINTED CIRCUIT RECEPTACLE MOUNTING HOLE PATTERN SHOWN BELOW 141-1004-0001



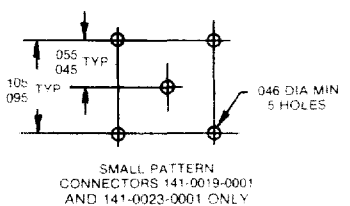
RIGHT ANGLE PRINTED CIRCUIT RECEPTACLE MOUNTING HOLE PATTERN SHOWN BELOW 141-1005-0001



BULKHEAD RECEPTACLE MOUNTING HOLE



PRINTED CIRCUIT RECEPTACLE MOUNTING HOLE PATTERN

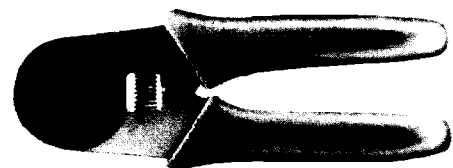


LEPRA/CON ASSEMBLY TOOLS



HOUSING CRIMP TOOL

MICRODOT PART NO. 010-0132-0000 THOMAS & BETTS PART NO. WT 419



CONTACT CRIMP TOOL, STRAIGHT CONNECTORS ONLY

CONTACT CRIMP NO. 010-0150-0000 DAVID PRODUCTS PART NO. 826 D

EXCEPTIONS: CONNECTOR 141-1001-0001, USE THE FOLLOWING

010-0161-0000 827

BNC/LEPRA/CON ADAPTERS

