

GPO Products

- Center-to-center spacing of 0.170" available for increased package density
- Frequency from DC to 40 GHz
- Designed to accommodate both radial and axial misalignment with negligible VSWR change



GPO® Specifications

General Characteristics

Impedance	50 ohms nominal
Frequency range	DC to 40 GHz
Temperature range	-65°C thru 165°C

Electrical Characteristics

VSWR	1.15:1 to 26.5 GHz typical; <1.5:1 typical to 40 GHz
Insertion loss	.04 √f (GHz)
DWV@ Sea Level	500 Vrms
Insulation resistance	5,000 megohms min.
Contact resistance	
Outer conductor	2 milliohms max.
Inner conductor	6 milliohms max.
RF leakage	-80 dB to 3 GHz, -65 dB to 26.5 GHz

Mechanical Characteristics

Mate/Demate Cycles	FD - 100min.; LD - 500min.; SB - 1000min.;
Force to engage/disengage	FD - 7.0lbs.typ./9.0lbs.typ.;
	LD - 5.0lbs.typ./7.0lbs.typ.;
	SB - 3.0lbs.typ./0.5lbs.typ.
Tolerated misalignment	
Radial	+/- 0.010
Axial	0.010 (flush to 0.010 from the reference plane)

Environmental Characteristics

Thermal Shock	MIL-STD-202, Method 107, Condition B
Salt Spray	MIL-STD-202, Method 101
Vibration	MIL-STD-202, Method 204
Shock	MIL-STD-202, Method 213, Condition I
Moisture resistance	MIL-STD-202, Method 106, except Step 7B

Materials (typical)

Bodies	Beryllium Copper per ASTM B196 and or/ASTM B197
Outer contacts	Beryllium Copper per ASTM B196 and or/ASTM B197
Center contacts	Beryllium Copper per ASTM B196 and or/ASTM B197
Insulators	PTFE Fluorocarbon per ASTM D1710
Springs	17-7 Stainless Steel per ASTM A313-95A

Finish (typical)

Bodies	Gold plated per MIL-G-45204, Type I, Grade C, Class 1, Over Nickel Plate per SAE AMS-QQ-N-290
Contacts	Gold plated per MIL-G-45204, Type I, Grade C, Class 1, Over Nickel Plate per SAE AMS-QQ-N-290

Female Blindmate Interconnect

Catalog Number	A	Catalog Number	A
A1A1-0001-01	.254	A1A1-0001-12	1.30
A1A1-0001-03	.395	A1A1-0001-21	1.00
A1A1-0001-07	.286	A1A1-0001-25	.517
A1A1-0001-08	.243	A1A1-0001-29	.286
A1A1-0001-11	.769		

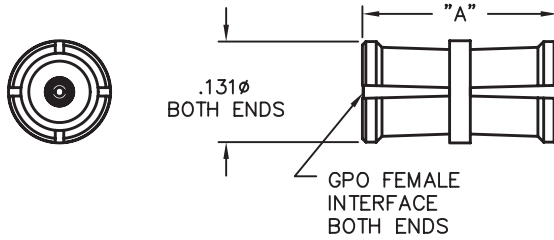
VSWR (TYP)

1.10:1 to 8 GHz

1.35:1 to 26.5 GHz

1.5:1 to 40 GHz

Note: Bullets of almost any length can be created to suit your application. Please contact customer service for further information.



Female Blindmate Interconnect

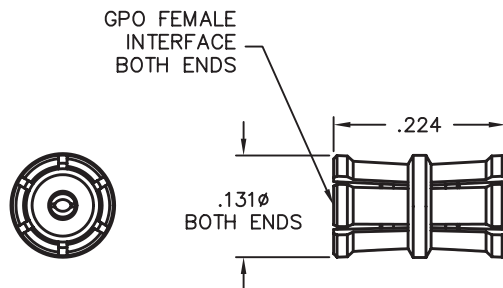
Catalog Number

A1A1-0001-02

VSWR (TYP)

1.10:1 to 12 GHz

1.40:1 to 26.5 GHz



Female Blindmate Interconnect Self-Adjusting

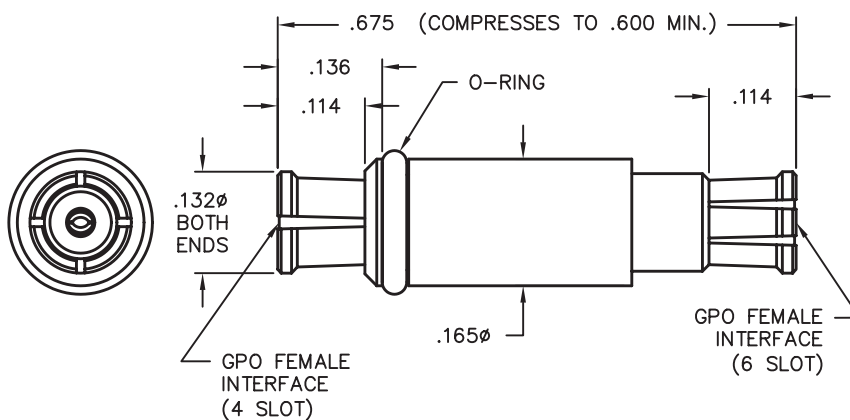
Catalog Number

A1A1-0001-09

VSWR (TYP)

1.20:1 to 8 GHz

1.40:1 to 26.5 GHz

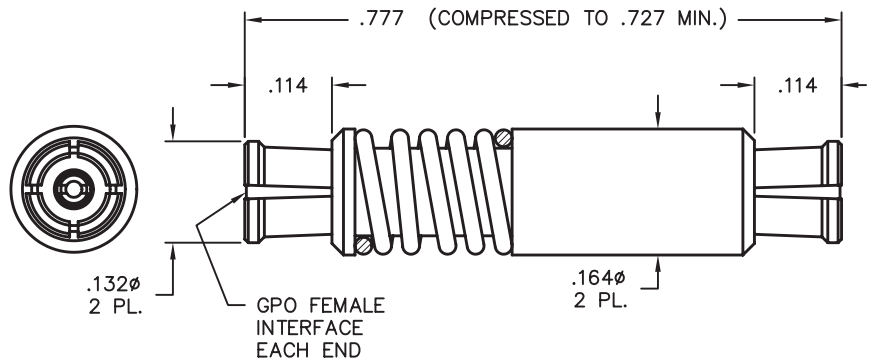


Spring Loaded Bullet

Catalog Number

A1A1-0001-34

Compression Length: .727



Female Blindmate Interconnect

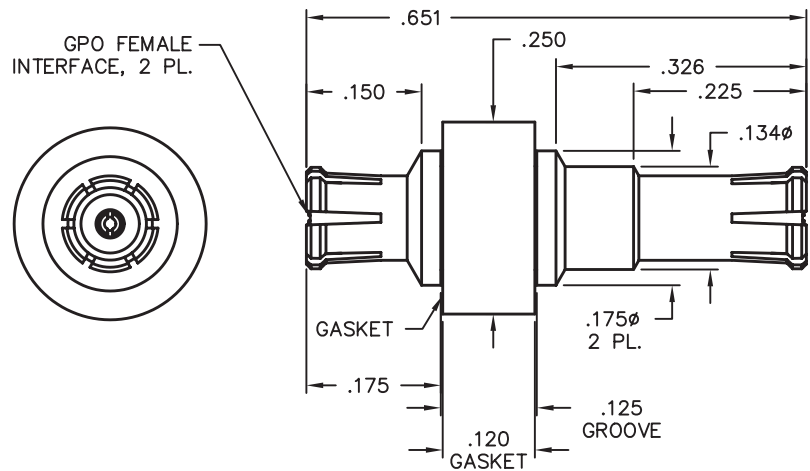
Catalog Number

A1A1-0001-24

VSWR (TYP)

1.25:1 to 18 GHz

1.35:1 to 26.5 GHz



Female Snap-In Float Mount Adapter

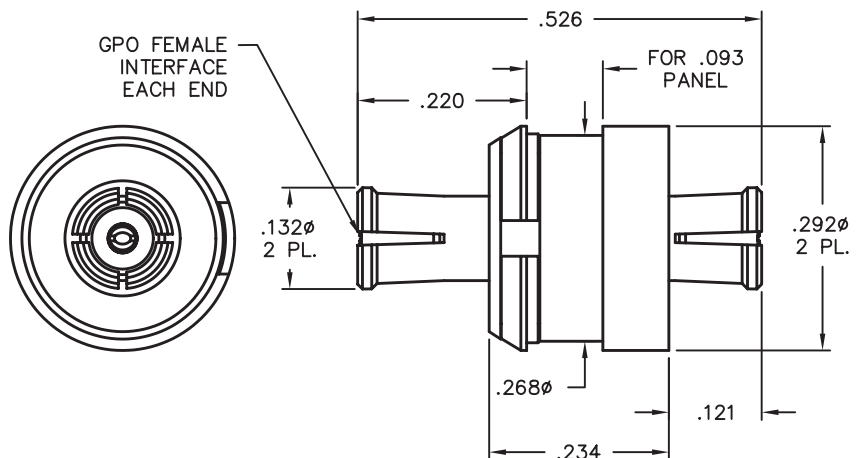
Catalog Number

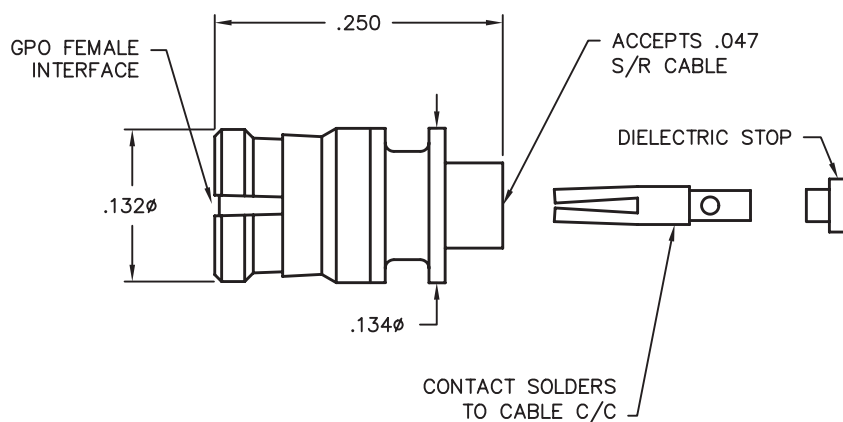
A1A1-0547-01

VSWR (TYP)

1.35:1 to 26.5 GHz

Compression Length: .466



**Female Straight to 0.047 S/R Cable**Catalog Number

A014-B11-01

VSWR (TYP)

1.25:1 to 26.5 GHz

Tools Recommended

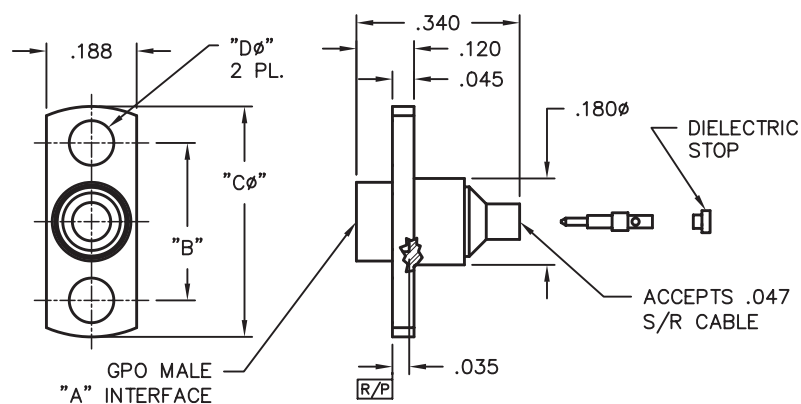
A096-A99-02

L096-A99-02

A096-A99-06

Assembly Procedure

AP01-002

**Male Flange Mount to 0.047 S/R Cable**Catalog Number

A001-B83-01

A001-B84-01

A001-B85-01

A001-B83-02

A001-B84-02

A001-B85-02

VSWR (TYP)

1.25:1 to 26.5 GHz

Tools Recommended

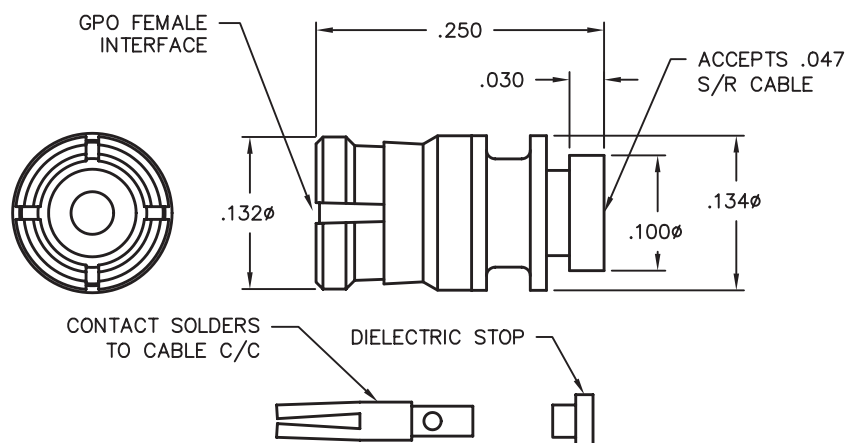
A096-A99-04

L096-A99-02

9001-942-3

Assembly Procedure

AP01-014

**Female Straight to 0.047 S/R Cable**Catalog Number

0119-881-1

VSWR (TYP)

1.20:1 to 26.5 GHz

Tools Recommended

A096-A99-02

L096-A99-02

A096-A99-06

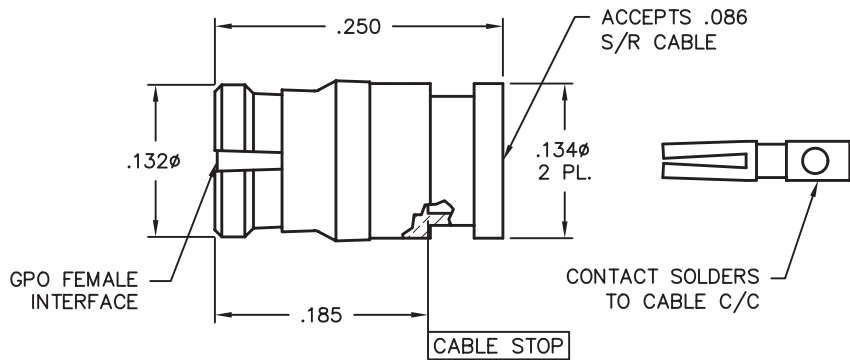
Assembly Procedure

AP01-002

Female Straight to 0.086 S/R Cable

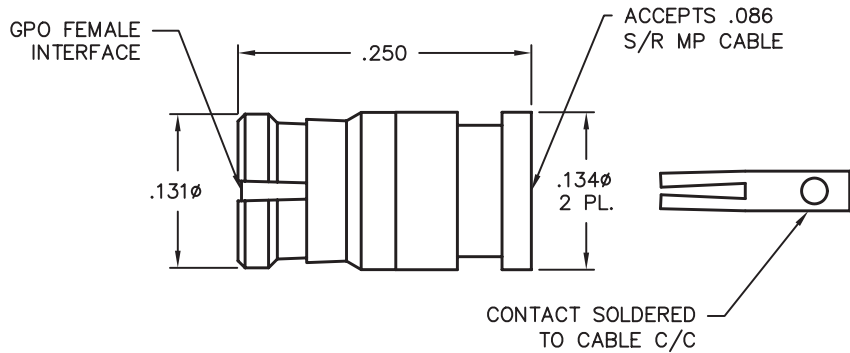
Catalog Number	Tools Recommended
A014-D11-01*	A096-A99-06
VSWR (TYP)	L096-A99-01
1.25:1 to 26.5 GHz	Assembly Procedure
	AP01-114

* For a flexible alternative, order A014-K11-06 to allow for heat shrink sleeve



Female Straight to 0.086 S/R Microporous Cable

Catalog Number	Tools Recommended
A014-D11-02	9001-932-3
VSWR (TYP)	A096-A99-06
1.25:1 to 26.5 GHz	L096-A99-01
	Assembly Procedure
	AP01-071

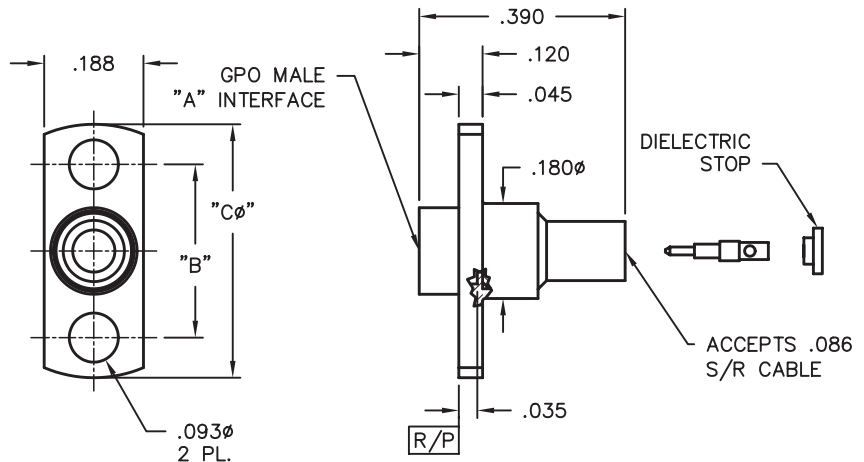


Male Flange Mount to 0.086 S/R Cable

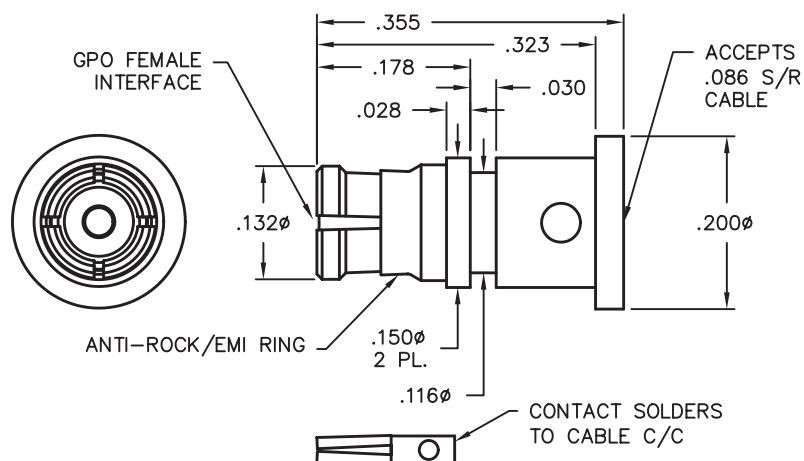
Catalog Number	A	B	Cø	Dø
A001-D83-01	FD	.328	.480	.093
A001-D84-01	LD	.328	.480	.093
A001-D85-01	SB	.328	.480	.093
A001-D83-02	FD	.282	.400	.073
A001-D84-02	LD	.282	.400	.073
A001-D85-02	SB	.282	.400	.073

VSWR (TYP)
1.35:1 to 26.5 GHz

Tools Recommended
L096-A99-01
A096-A99-04
9001-942-3
Assembly Procedure
AP01-015



Female Straight to 0.086 S/R Cable Solder Attach Center Conductor



Catalog Number

0119-399-1

Tools Recommended

A096-A99-06

VSWR (TYP)

1.25:1 to 26.5 GHz

L096-A99-01

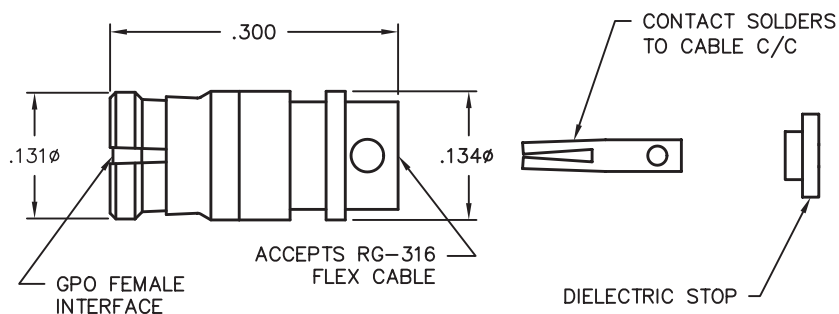
9001-932-3

A096-A99-02

Assembly Procedure

AP01-131

Female Straight to RG-316 Cable



Catalog Number

A014-F71-01

Tools Recommended

A096-A99-06

VSWR (TYP)

1.10:1 to 4 GHz

L096-A99-01

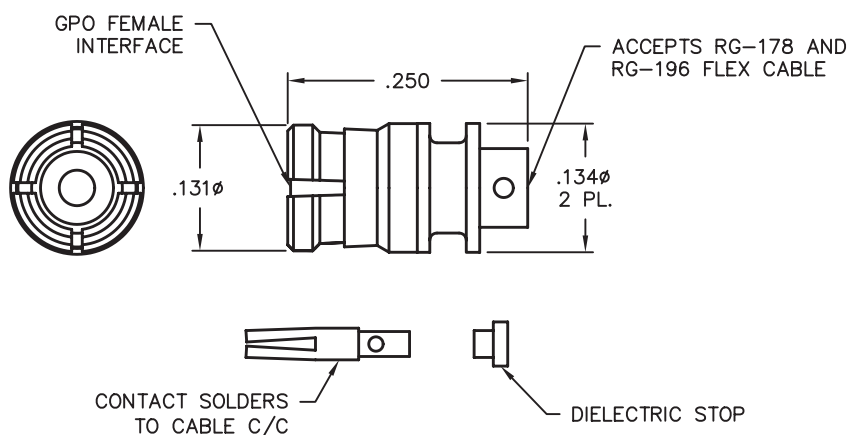
A096-A99-02

Assembly Procedure

IS-7804-1



Female Straight to RG-178/196 Cable



Catalog Number

A014-H71-01

Tools Recommended

A096-A99-02

VSWR (TYP)

1.15:1 to 4 GHz

L096-A99-01

A096-A99-06

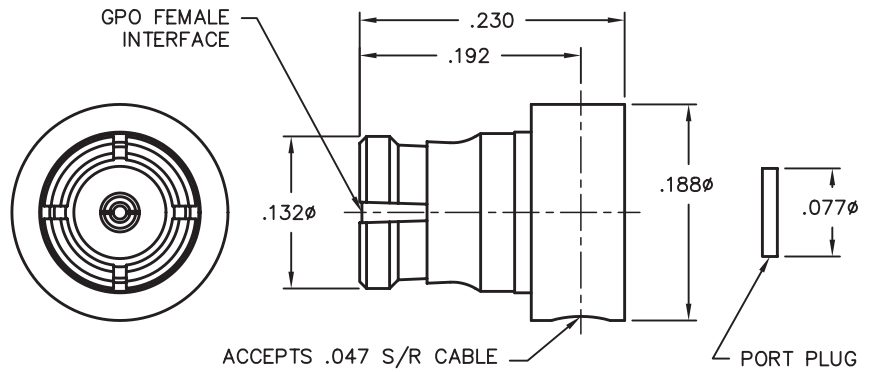
Assembly Procedure

AP01-039



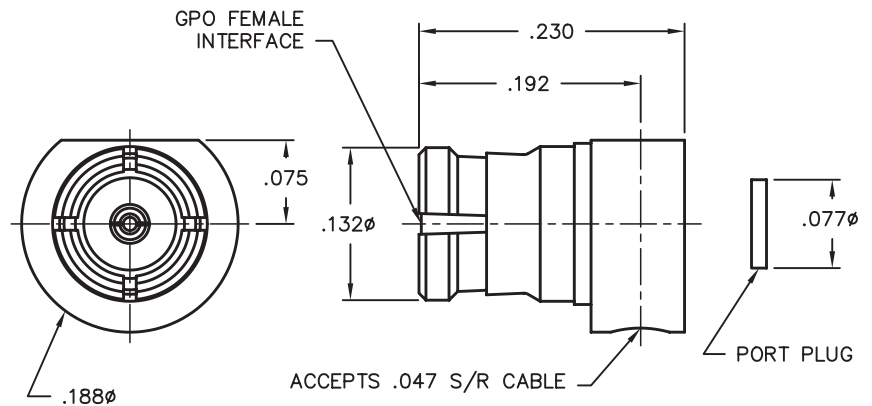
Female R/A to 0.047 S/R Cable

Catalog Number	Tools Recommended
A015-B11-01	A096-A99-07
VSWR (TYP)	L096-A99-02
1.20:1 to 18 GHz	A096-A99-01
1.30:1 to 26.5 GHz	Assembly Procedure
	AP01-097



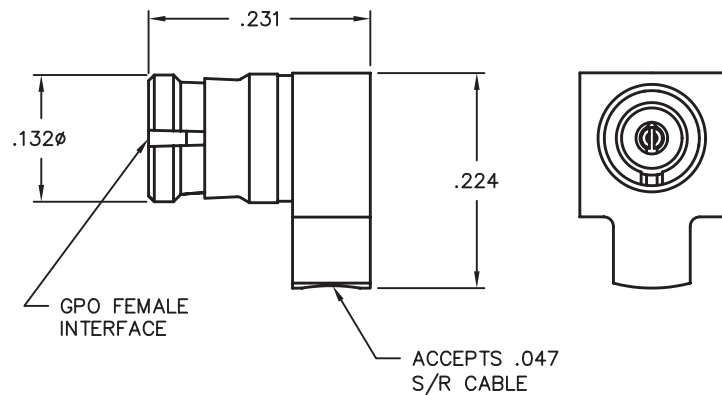
Female R/A to 0.047 S/R Cable

Catalog Number	Tools Recommended
A015-B11-02	A096-A99-01
VSWR (TYP)	A096-A99-07
1.25:1 to 26.5 GHz	L096-A99-02
	Assembly Procedure
	AP01-097



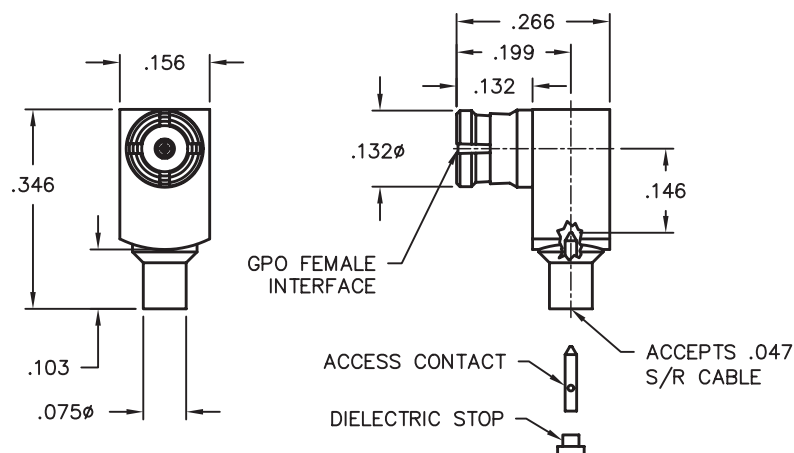
Female R/A to 0.047 S/R Cable

Catalog Number	Tools Recommended
A015-B71-01	A096-A99-01
VSWR (TYP)	A096-A99-07
1.25:1 to 26.5 GHz	L096-A99-02
	Assembly Procedure
	AP01-019

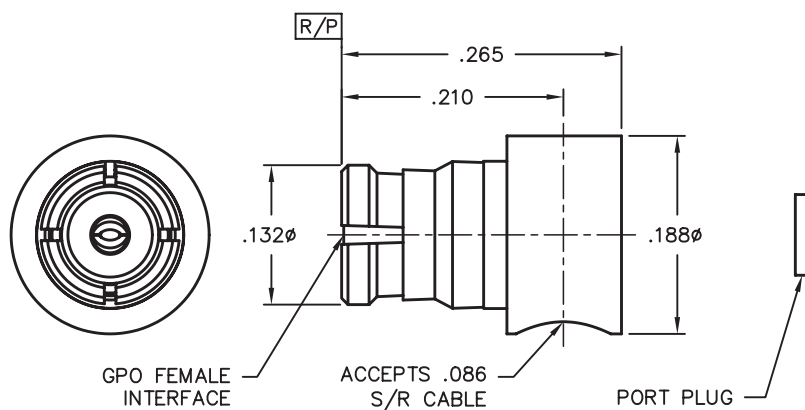


Female Swept R/A to 0.047 S/R Cable

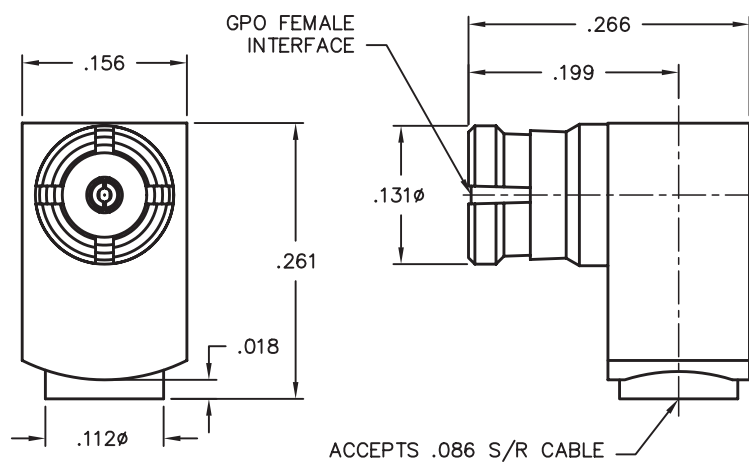
Catalog Number	Tools Recommended
A015-B71-03	A096-A99-01
VSWR (TYP)	L096-A99-02
1.20:1 to 18 GHz	A096-A99-01
1.40:1 to 26.5 GHz	Assembly Procedure
	AP01-073

**Female R/A to 0.086 S/R Cable**

Catalog Number	Tools Recommended
A015-D11-01	A096-A99-01
VSWR (TYP)	L096-A99-01
1.10:1 to 18 GHz	A096-A99-07
1.20:1 to 26.5 GHz	Assembly Procedure
	AP01-115

**Female Swept R/A to 0.086 S/R Cable**

Catalog Number	Tools Recommended
A015-D11-03	A096-A99-02
VSWR (TYP)	L096-A99-01
1.15:1 to 18 GHz	A096-A99-01
1.25:1 to 40 GHz	Assembly Procedure
	AP01-072



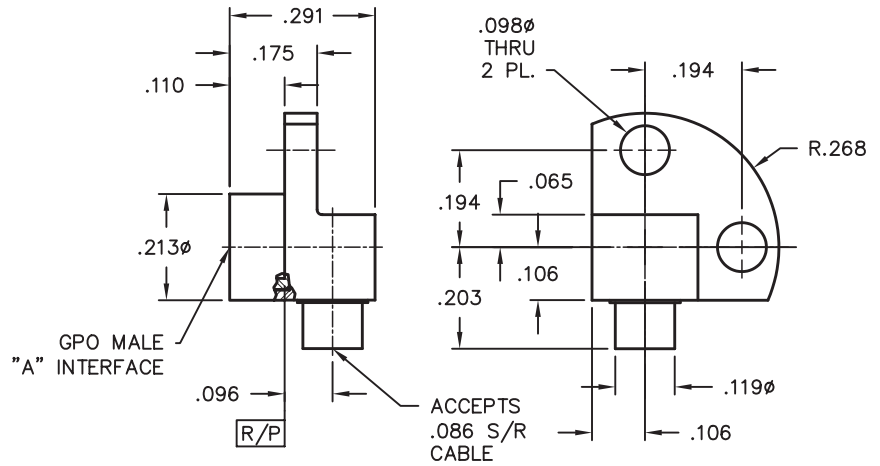
GPO Cable Connectors

Male R/A to 0.086 S/R Cable

Catalog Number	A	Tools Recommended
0119-727-3-FD	FD	A096-A99-04
0119-727-3-LD	LD	Assembly Procedure
0119-727-3-SB	SB	AP01-038

VSWR (TYP)

1.10:1 to 26.5 GHz



Female R/A to RG-316 Cable

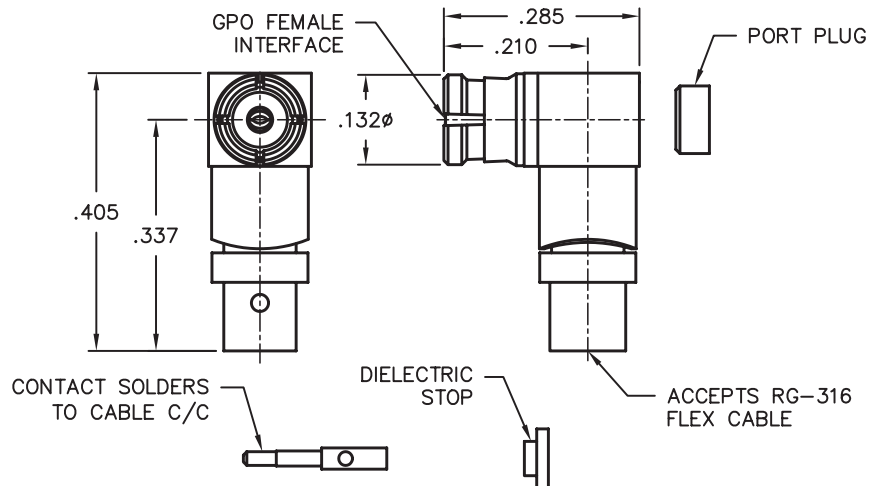
Catalog Number	Assembly Procedure
A015-F71-01	AP01-125

VSWR (TYP)

1.05:1 to 3 GHz

Tools Recommended

A096-A99-02
A096-A99-01
A096-A99-08
L096-A99-01



Female R/A to RG-178/196 Cable

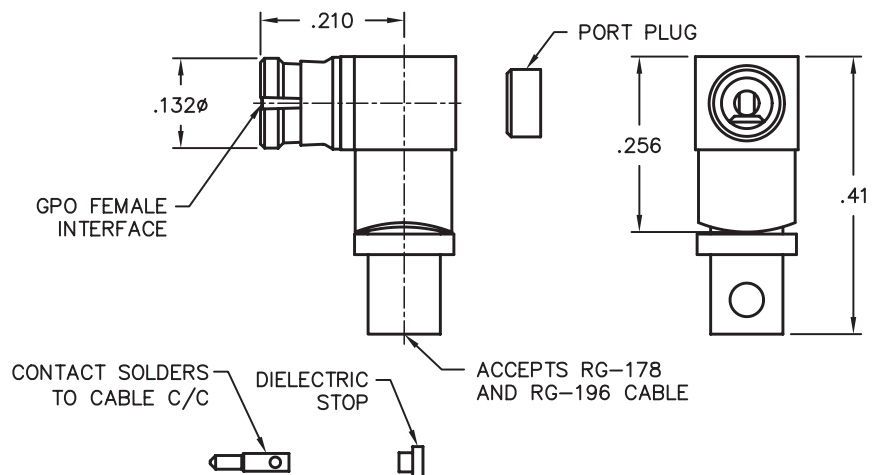
Catalog Number	Assembly Procedure
A015-H71-01	AP01-040

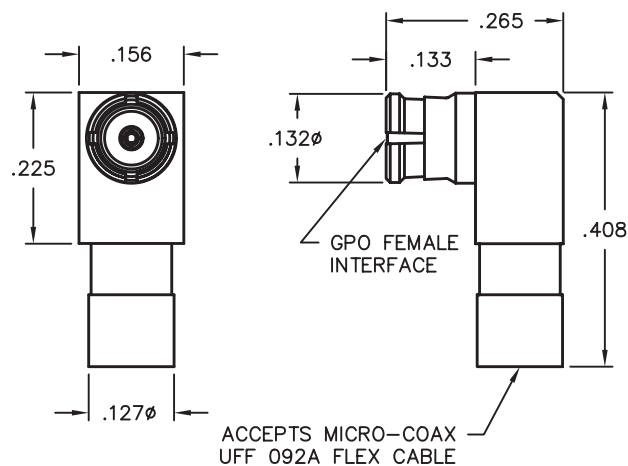
VSWR (TYP)

1.15:1 to 3 GHz

Tools Recommended

A096-A99-02
A096-A99-01
A096-A99-08
L096-A99-01





Female R/A to UFF-092A Flex Cable

Catalog Number

0119-303-1

VSWR (TYP)

1.30:1 to 18 GHz

1.35:1 to 26.5 GHz

Tools Recommended

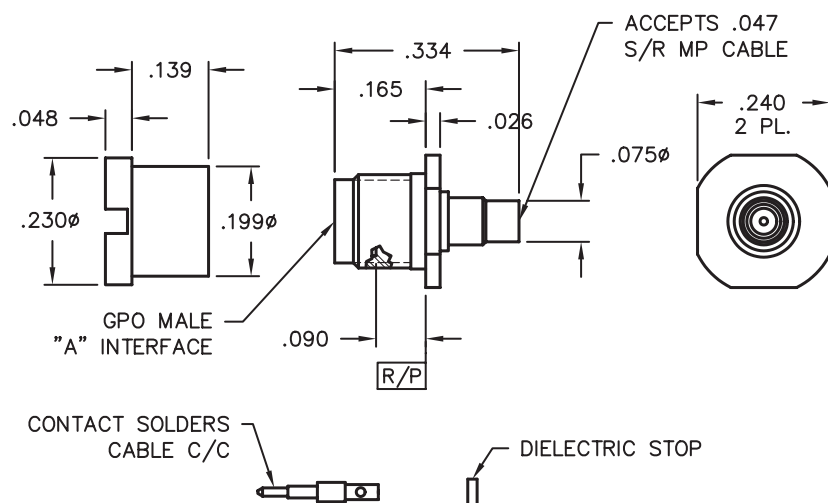
A096-A99-06

A096-A99-01

L096-A99-01

Assembly Procedure

AP01-061



Male Bulkhead Mount to 0.047 S/R Microporous Cable

Catalog Number

A016-B83-01

A016-B84-01

A016-B86-01

VSWR (TYP)

1.20:1 to 26.5 GHz

Tools Recommended

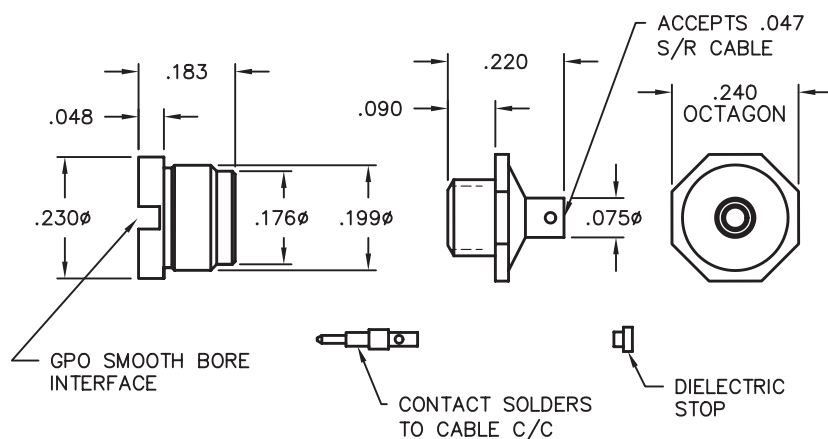
A096-A99-04

9001-942-3

L096-A99-02

Assembly Procedure

AP01-063



Male Bulkhead Mount Smooth Bore Thread-on to 0.047 S/R Cable

Catalog Number

0119-546-3

VSWR (TYP)

1.20:1 to 26.5 GHz

Tools Recommended

A096-A99-04

9001-942-3

L096-A99-02

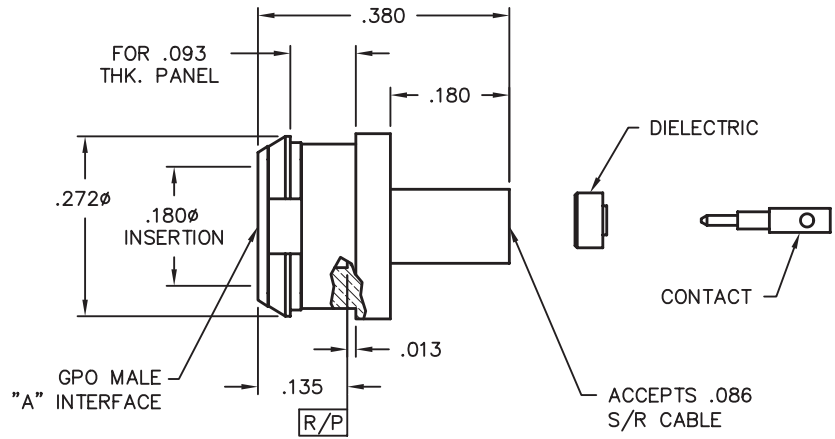
Assembly Procedure

AP01-023



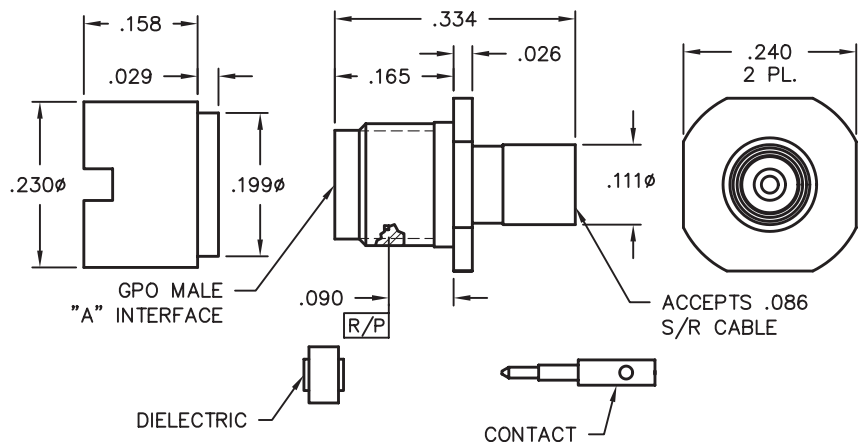
Male Snap-in to 0.086 S/R Cable

Catalog Number	A	Tools Recommended
A016-D53-01	FD	9001-942-3
A016-D54-01	LD	L096-A99-04
A016-D55-01	SB	L096-A99-01
VSWR (TYP)		Assembly Procedure
1.15:1 to 18 GHz		AP01-087
1.30:1 to 26.5 GHz		



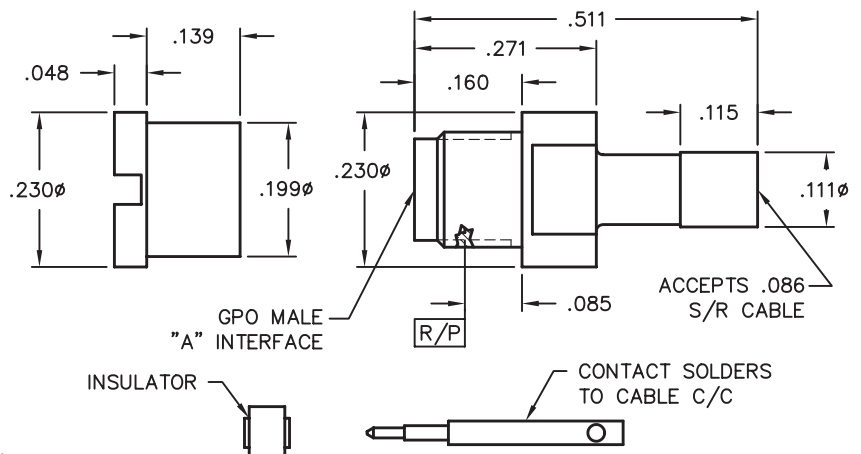
Male Bulkhead Mount to 0.086 S/R Cable

Catalog Number	A	Tools Recommended
A016-D73-03	FD	A096-A99-02
A016-D74-03	LD	9001-932-3
A016-D76-03	CM	A096-A99-03
		L096-A99-01
VSWR (TYP)		Assembly Procedure
1.15:1 to 18 GHz		AP01-123
1.25:1 to 26.5 GHz		



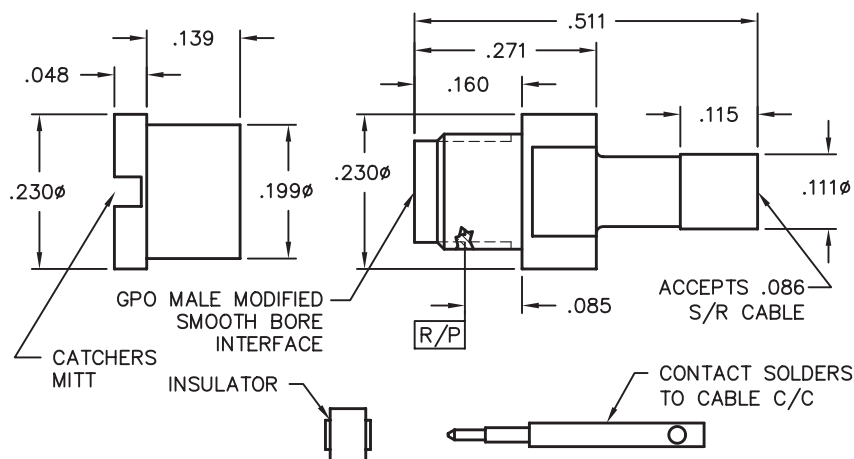
Male Bulkhead Mount to 0.086 S/R Cable

Catalog Number	A	Tools Recommended
A016-D83-01	FD	A096-A99-02
A016-D84-01	LD	L096-A99-01
A016-D86-01	CM	A096-A99-03
VSWR (TYP)		Assembly Procedure
1.25:1 to 26.5 GHz		AP01-050



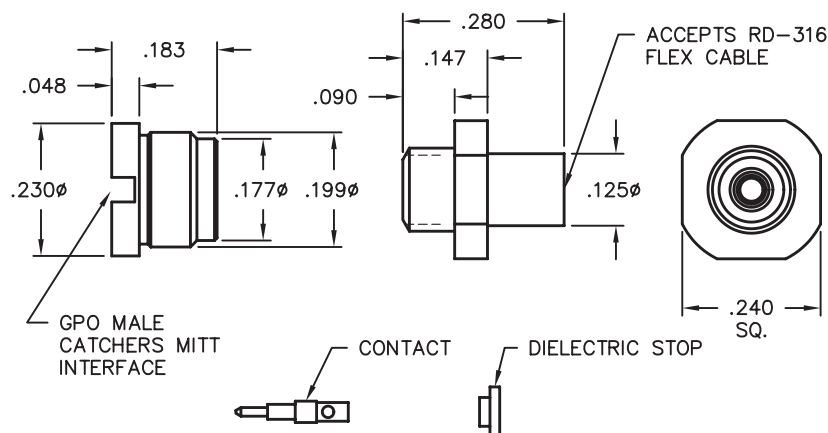
Male Modified Smooth Bore Catchers Mitt Bulkhead Mount to 0.086 S/R Cable

Catalog Number	Tools Recommended
A016-D87-01	A096-A99-02
VSWR (TYP)	L096-A99-01
1.25:1 to 18 GHz	A096-A99-03
1.35:1 to 26.5 GHz	Assembly Procedure
	AP01-050



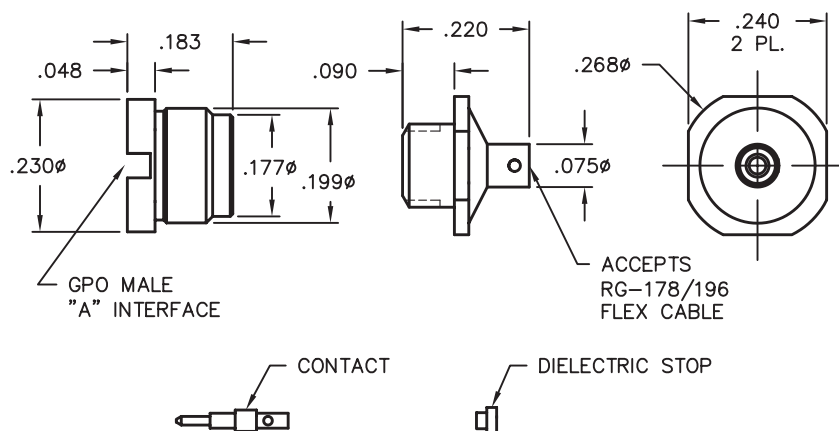
Male Bulkhead Mount to RD-316 Cable

Catalog Number	Tools Recommended
A016-G86-01	A096-A99-04
VSWR (TYP)	L096-A99-01
1.15:1 to 3 GHz	A096-A99-03
	Assembly Procedure
	AP01-029



Male Bulkhead Mount to RG-178/196 Cable

Catalog Number	A	Tools Recommended
A016-H83-01	FD	A096-A99-04
A016-H84-01	LD	L096-A99-01
A016-H85-01	SB	A096-A99-03
VSWR (TYP)		A018-B71-01
1.20:1 to 3 GHz		Assembly Procedure
		IS-7095-5



GPO Cable Connectors

Female Snap-in Float Mount to 0.047 and 0.047 S/R Microporous Cable

Catalog Number	A	B	C	D
A018-B71-01	.495	.221	.093	.234
A018-B71-02	.530	.254	.150	.230

VSWR (TYP) Assembly Procedure

1.15:1 to 18 GHz

IS-7582-1

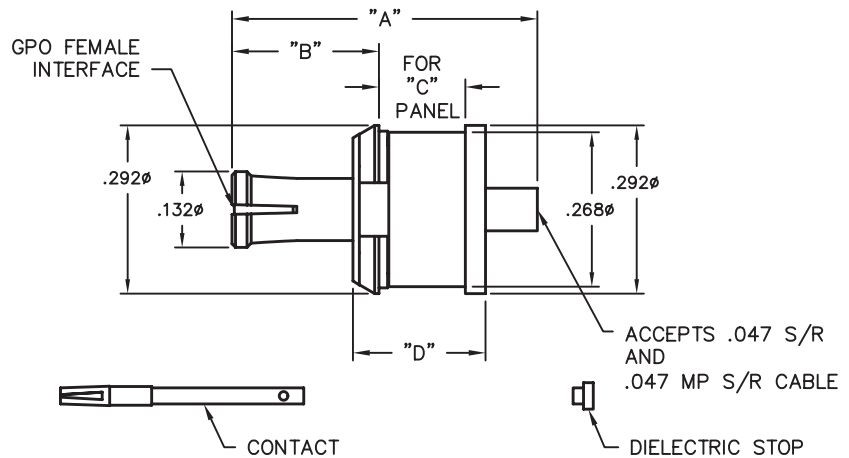
1.25:1 to 26.5 GHz

Tools Recommended

A096-A99-02

L096-A99-02

A096-A99-06



Female Snap-in Float Mount to RG-316 Cable

Catalog Number	Assembly Procedure
A018-F71-01	AP01-049

VSWR (TYP) Compression Length: .439

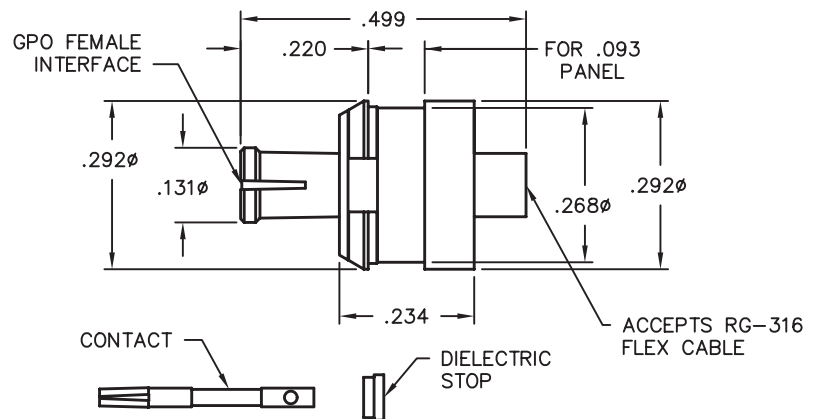
1.15:1 to 3 GHz

Tools Recommended

A096-A99-02

L096-A99-01

A096-A99-06



Female Snap-in Float Mount to RG-178 Cable

Catalog Number	Assembly Procedure
0119-392-3	AP01-078

VSWR (TYP) Compression Length: .439

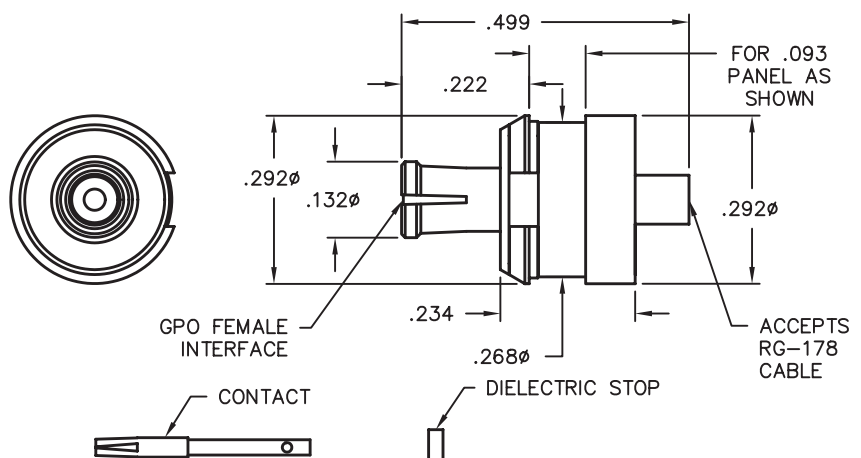
1.15:1 to 4 GHz

Tools Recommended

A096-A99-02

L096-A99-01

A096-A99-06



Male Catchers Mitt Bulkhead Float Mount to 0.141 Microporous S/R Cable

Catalog Number

0119-590-3

Assembly Procedure

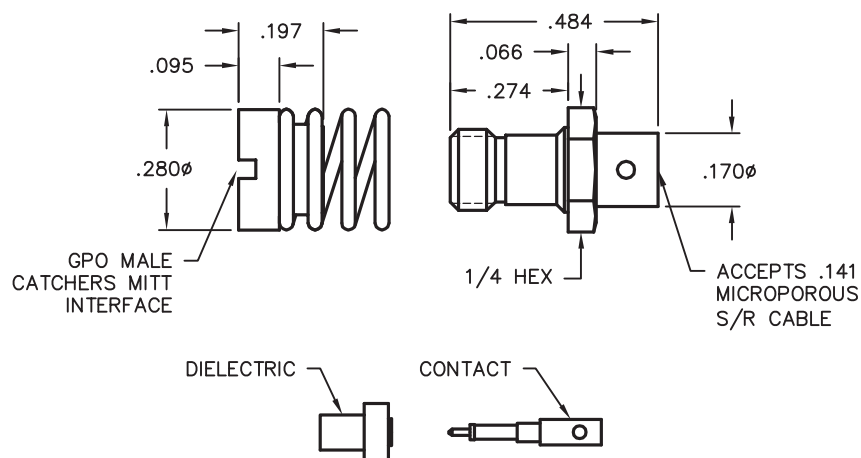
AP01-045

Tools Recommended

A096-A99-02

L096-A99-01

A096-A99-09



GPO PCB Mounts

Male Straight to PCB

Catalog Number

A008-L13-03

A

FD

A008-L14-03

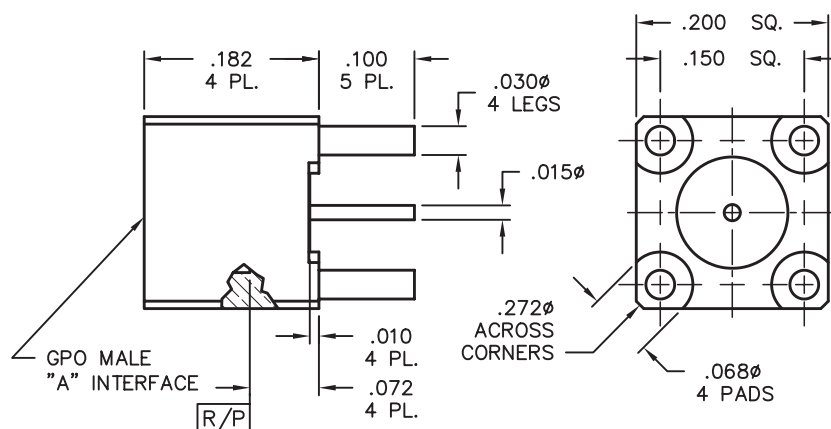
LD

A008-L15-03

SB

VSWR (TYP)

1.30:1 to 20 GHz



Male PCB 4 Leg Thru Mount Cap Center Conductor

Catalog Number

A008-L33-01

A

FD

B

.100

A008-L34-01

LD

.100

A008-L35-01

SB

.100

A008-L33-02

FD

.140

A008-L34-02

LD

.140

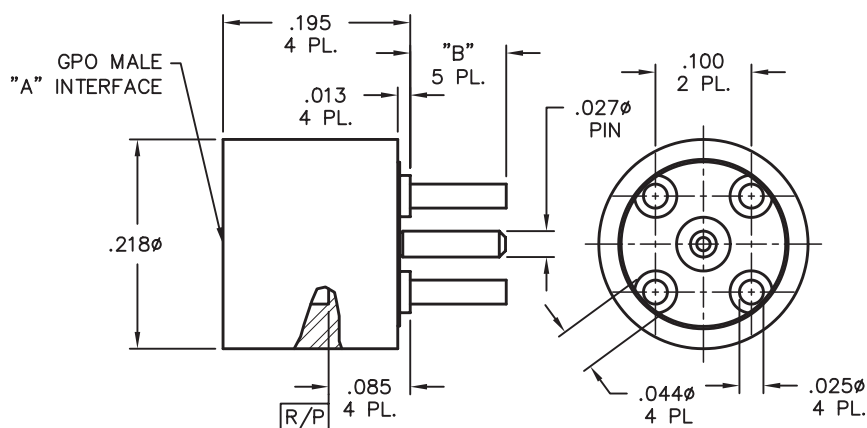
A008-L35-02

SB

.140

VSWR (TYP)

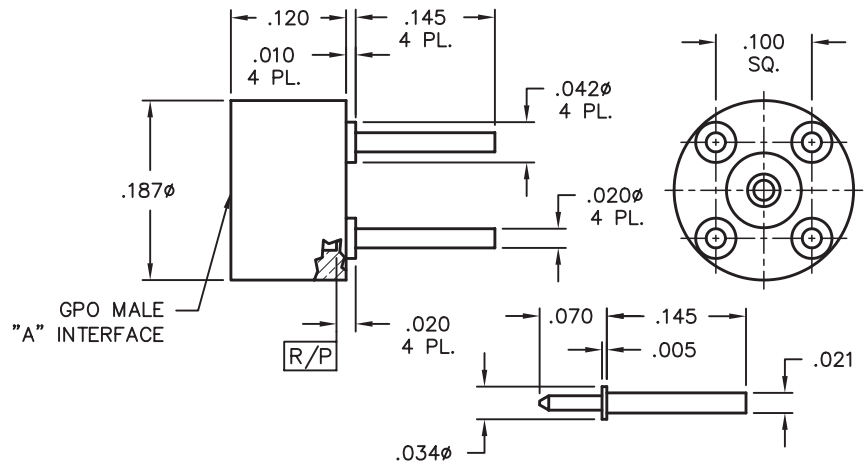
1.30:1 to 20 GHz



Male PCB 4 Leg Thru Mount Seperate C/C

Catalog Number	A
A008-L33-05	FD
A008-L34-05	LD
A008-L35-05	SB

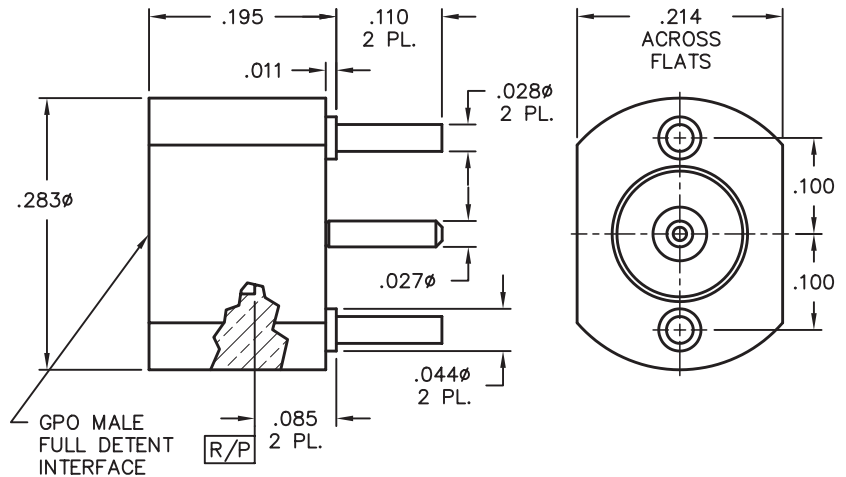
VSWR (TYP)
1.30:1 to 20 GHz



Male Full Detent PCB 3 Pin Thru Hole

Catalog Number	A
A008-L33-06	

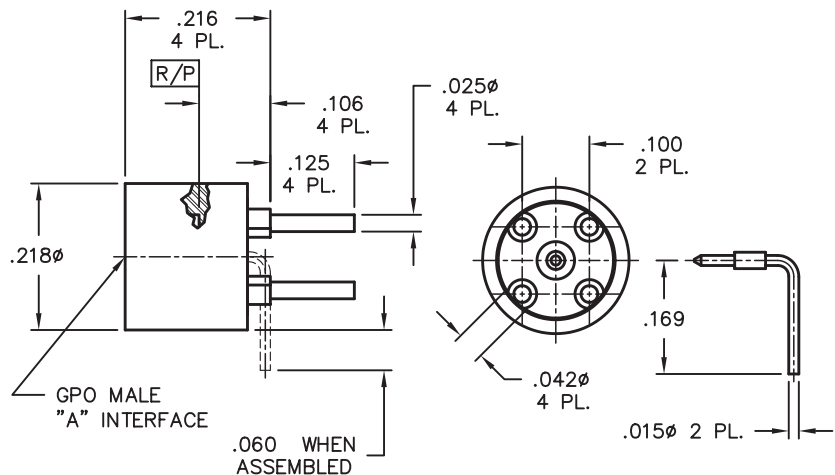
VSWR (TYP)
1.30:1 to 20 GHz



Male PCB 4 Leg Thru Mount R/A Center Conductor

Catalog Number	A
A008-P33-01	FD
A008-P34-01	LD
A008-P35-01	SB

VSWR (TYP)
1.30:1 to 20 GHz



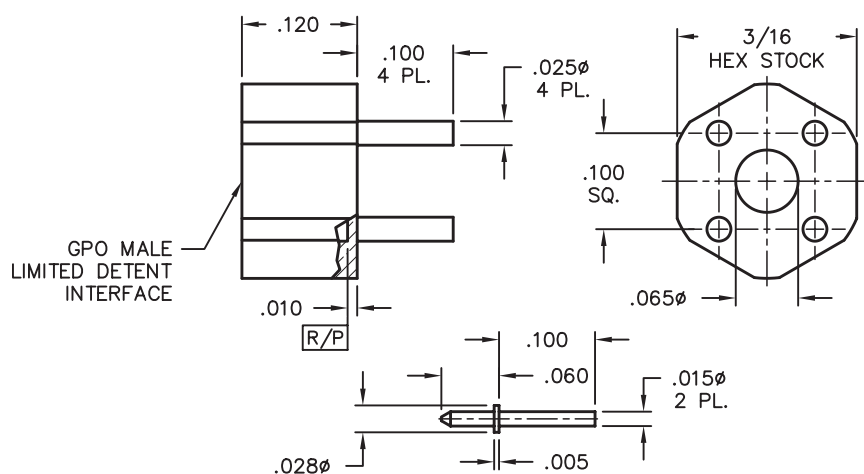
Male Limited Detent to PCB with Separate Pin

Catalog Number

0119-711-1

VSWR (TYP)

1.30:1 to 20 GHz



Male Straight to PCB

Catalog Number

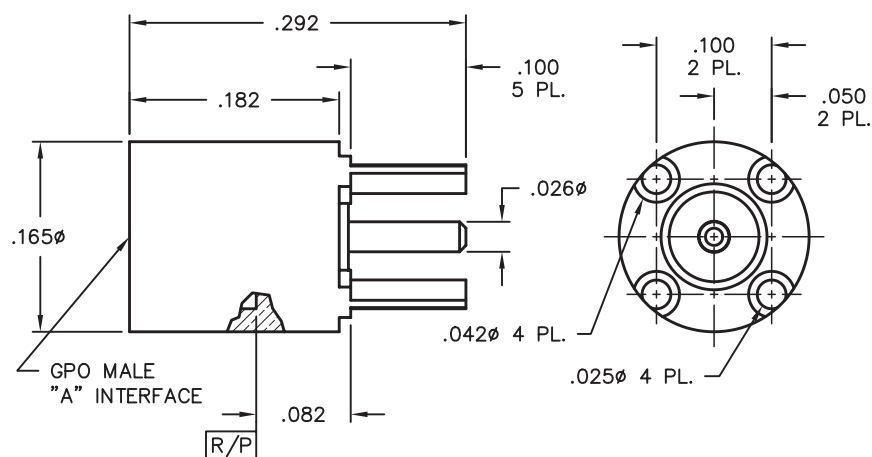
1619-001-1-FD FD

1619-001-1-LD LD

1619-001-1-SB SB

VSWR (TYP)

1.30:1 to 20 GHz



GPO Right Angle PCB Mounts

Male R/A PCB 4 Leg Thru Mount Cap C/C

Catalog Number

A009-P33-01 FD .096

A009-P34-01 LD .096

A009-P35-01 SB .096

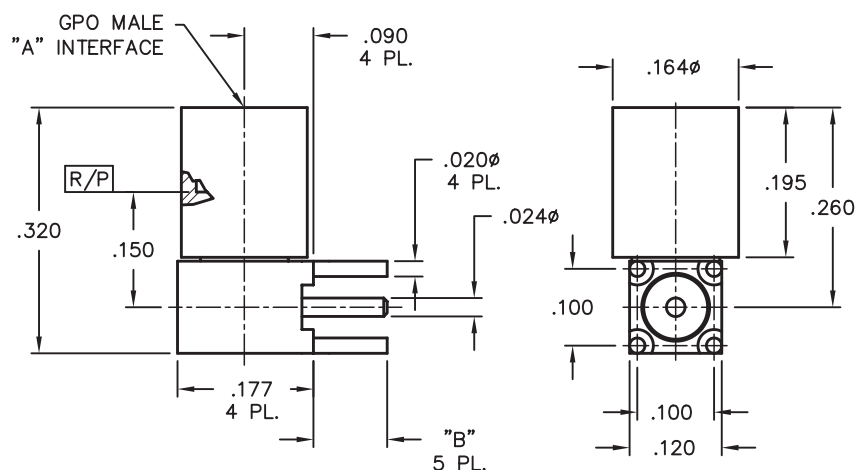
A009-P33-03 FD .140

A009-P34-03 LD .140

A009-P35-03 SB .140

VSWR (TYP)

1.35:1 to 20 GHz



GPO Right Angle PCB Mounts

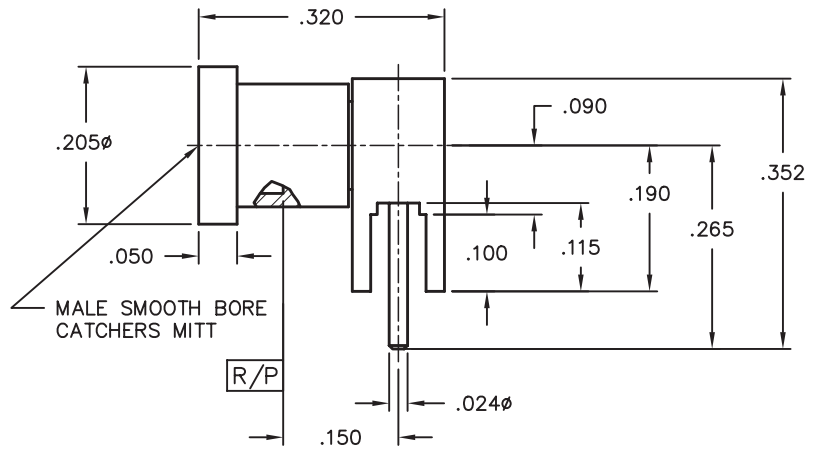
Male Smooth Bore Catchers Mitt R/A to PCB

Catalog Number

0119-397-3-100

VSWR (TYP)

1.35:1 to 20 GHz



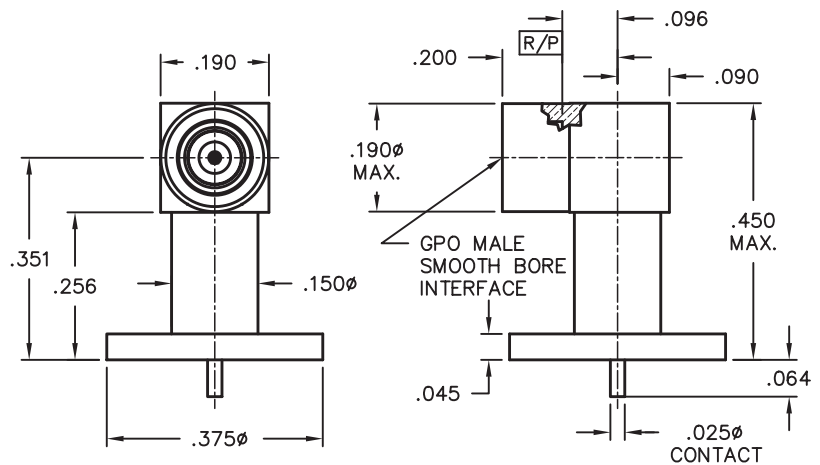
Male Smooth Bore R/A to PCB

Catalog Number

0119-588-1

VSWR (TYP)

1.35:1 to 20 GHz



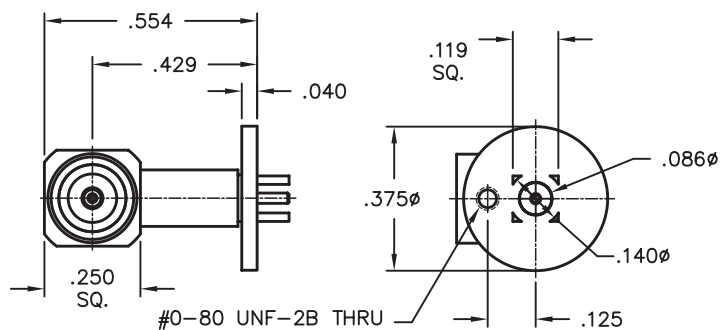
Male Catchers Mitt R/A to PCB

Catalog Number

0119-714-3

VSWR (TYP)

1.35:1 to 20 GHz



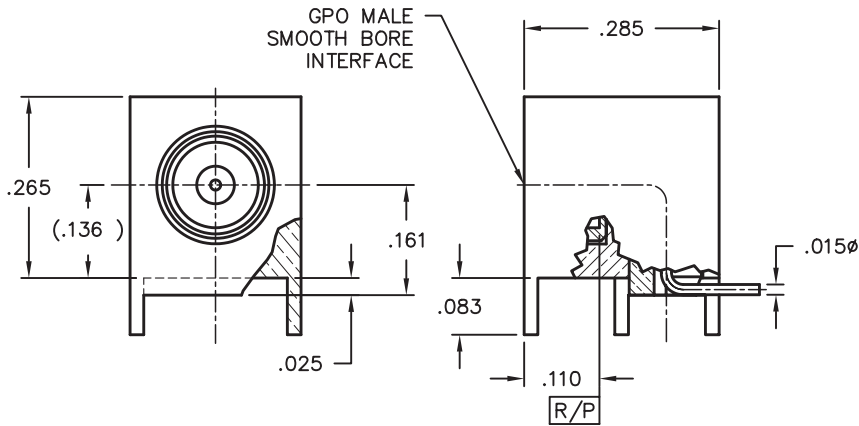
**Male Smooth Bore R/A to PCB
with R/A Launch**

Catalog Number

0119-720-1

VSWR (TYP)

1.35:1 to 20 GHz



GPO Flange Mounts

**Male Flange Mount Shroud
No Center Conductor**

Catalog Number	A	B	C ϕ	D ϕ
A001-A23-03	FD	.328	.480	.098
A001-A24-03	LD	.328	.480	.098
A001-A25-03	SB	.328	.480	.098
A001-A23-04	FD	.282	.400	.073
A001-A24-04	LD	.282	.400	.073
A001-A25-04	SB	.282	.400	.073
A001-A23-07	FD	.481	.625	.103
A001-A24-07	LD	.481	.625	.103
A001-A25-07	SB	.481	.625	.103

Tools Recommended

A090-A99-11 (For-03 Series)

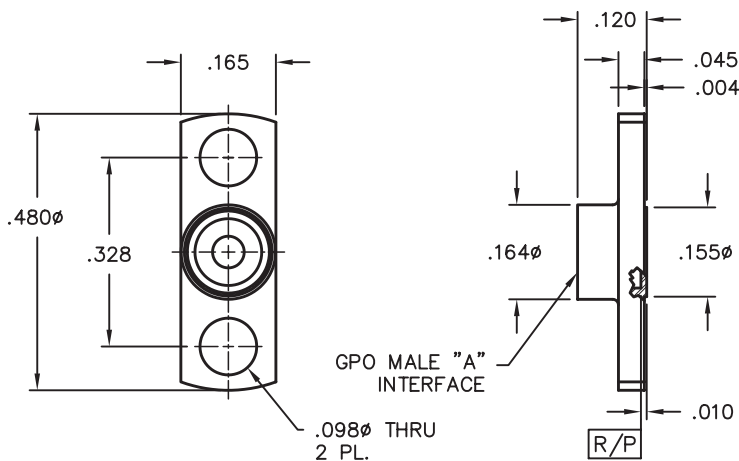
A090-A99-10 (For-04 Series)

A090-A99-09 (For-07 Series)

A090-A99-03

Assembly Procedure

AP01-009



**Male Flange Mount Shroud
Accepts 0.012 Center Conductor**

Catalog Number	A
A001-N33-02	FD
A001-N34-02	LD
A001-N35-02	SB

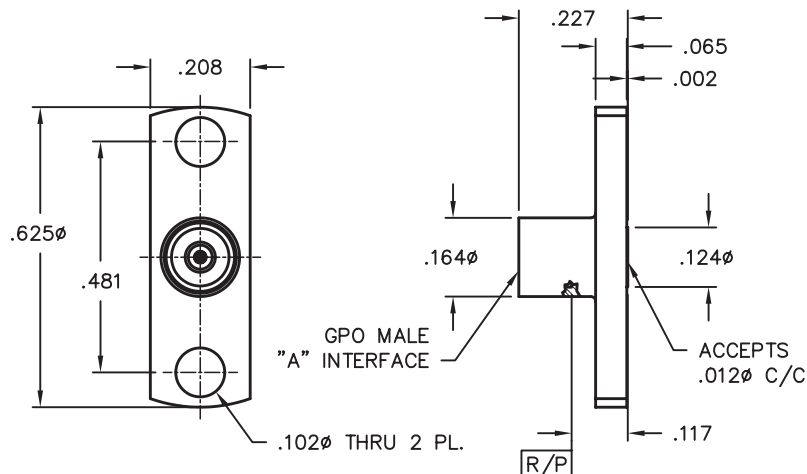
VSWR (TYP)

1.2:1 to 18 GHz

1.35:1 to 26.5 GHz

Tools Recommended

A090-A99-09



GPO Flange Mounts

Male 2 Hole Flange Mount

Catalog Number	A
A001-N33-05	FD
A001-N34-05	LD
A001-N35-05	SB

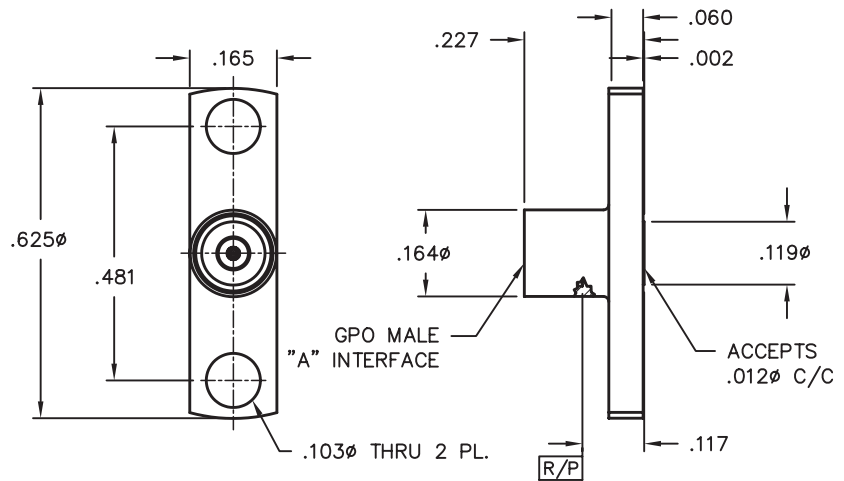
VSWR (TYP)

1.25:1 to 12 GHz

1.35:1 to 26.5 GHz

Tools Recommended

A090-A99-09



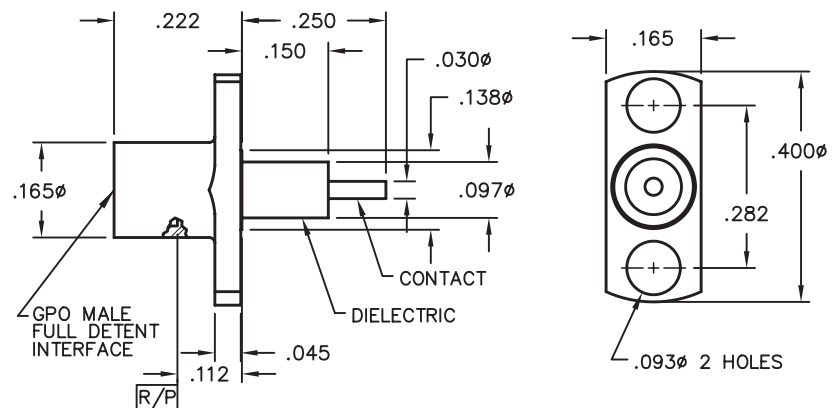
Male Full Detent 2 Hole Flange Mount Straight Terminal

Catalog Number
0119-441-3

VSWR (TYP)

1.25:1 to 18 GHz

1.35:1 to 26.5 GHz



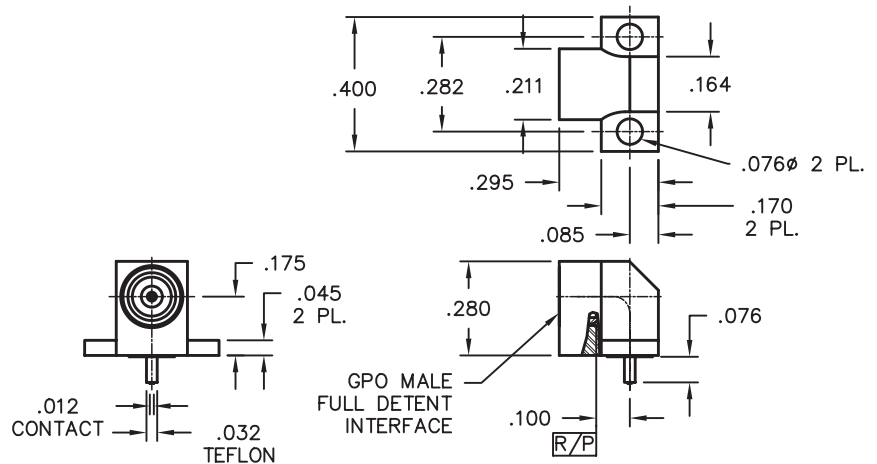
Male R/A Flange Mount

Catalog Number
0119-467-3

VSWR (TYP)

1.25:1 to 18 GHz

1.35:1 to 26.5 GHz



Male Full Detent Flange Mount Limited Hub 1/2 Hole

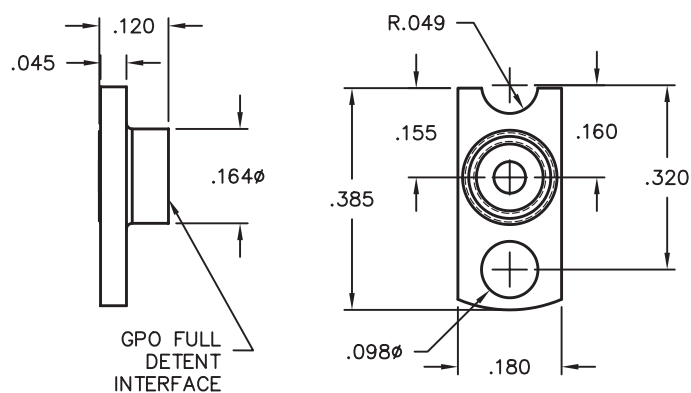
Catalog Number

0119-785-3

Tools Recommended

A090-A99-11

A090-A99-03



Male Full Detent Flange Mount Limited Hub

Catalog Number

0119-857-3

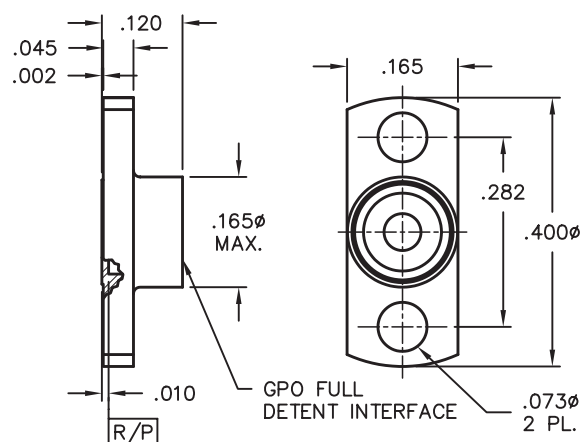
Tools Recommended

A090-A99-10

A090-A99-03

Assembly Procedure

AP01-009



GPO Edge Mounts

Male PCB Edge Mount

Catalog Number A

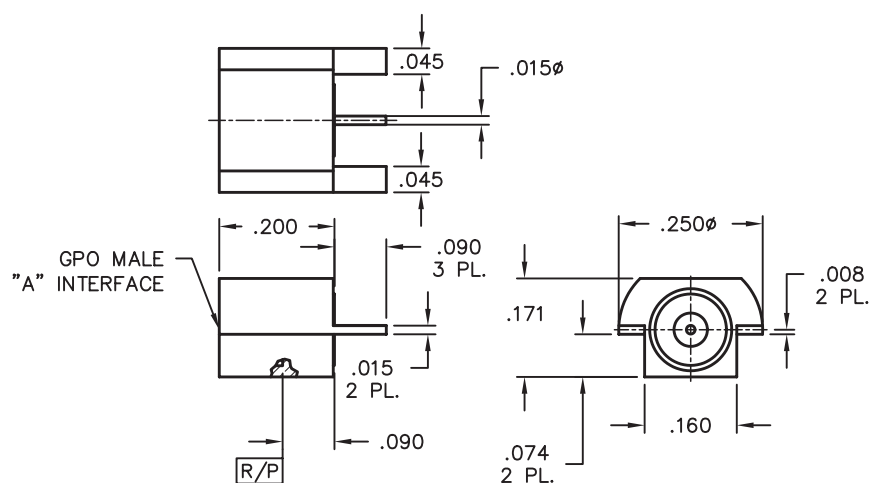
A010-L13-02 FD

A010-L14-02 LD

A010-L15-02 SB

VSWR (TYP)

1.25:1 to 26.5 GHz



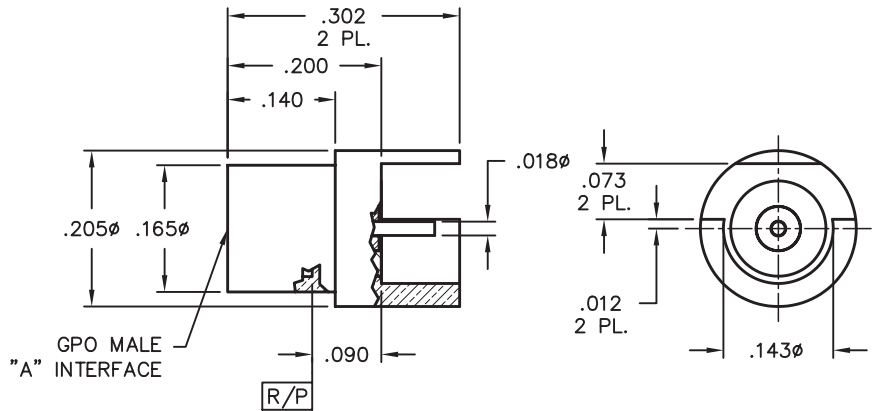
GPO Edge Mounts

Male PCB Edge Mount

Catalog Number	A
A010-L33-01	FD
A010-L34-01	LD
A010-L35-01	SB

VSWR (TYP)

1.25:1 to 26.5 GHz

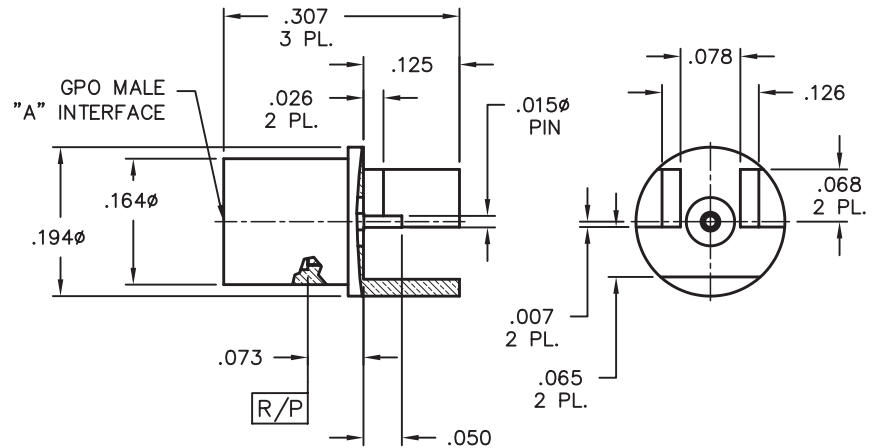


Male PCB Edge Mount

Catalog Number	A
A010-L33-02	FD
A010-L34-02	LD
A010-L35-02	SB

VSWR (TYP)

1.25:1 to 26.5 GHz

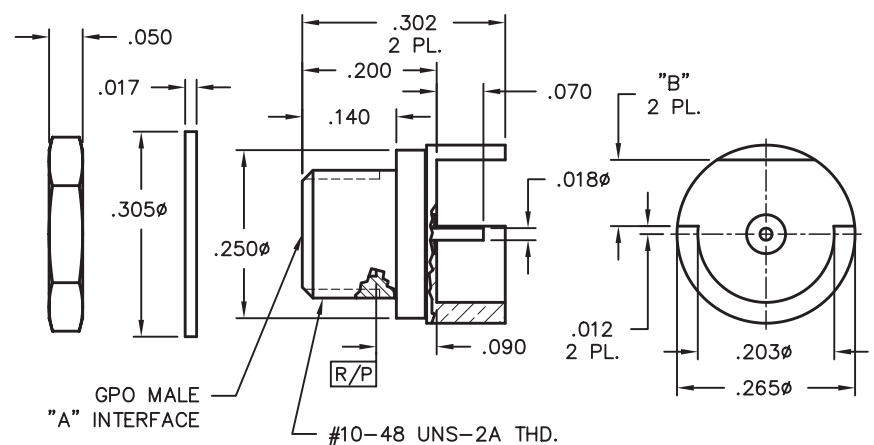


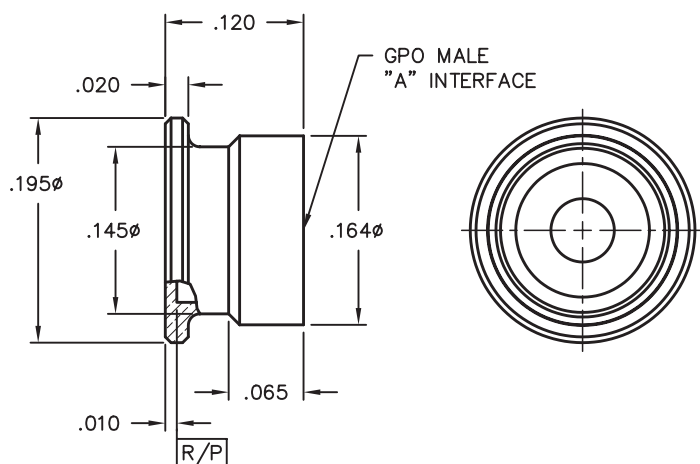
Male PCB Edge Mount with Chassis Mount

Catalog Number	A	B
A010-L33-03	FD	.099
A010-L34-03	LD	.099
A010-L35-03	SB	.099
A010-L33-04	FD	.069
A010-L34-04	LD	.069
A010-L35-04	SB	.069

VSWR (TYP)

1.25:1 to 26.5 GHz



**Male Solder-on Shroud**

Catalog Number	A
A012-A93-01	FD
A012-A94-01	LD
A012-A95-01	SB

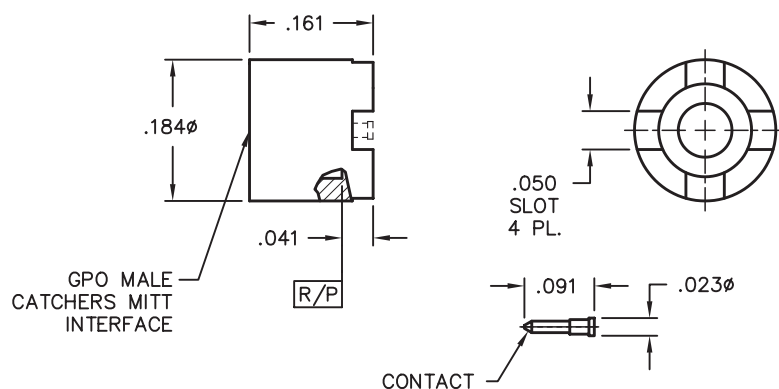
**Shroud Solder Mount Smooth Bore Catchers Mitt with Contact**

Catalog Number	A
A012-L96-01	

VSWR (TYP)

1.25:1 to 18 GHz

1.35:1 to 26.5 GHz

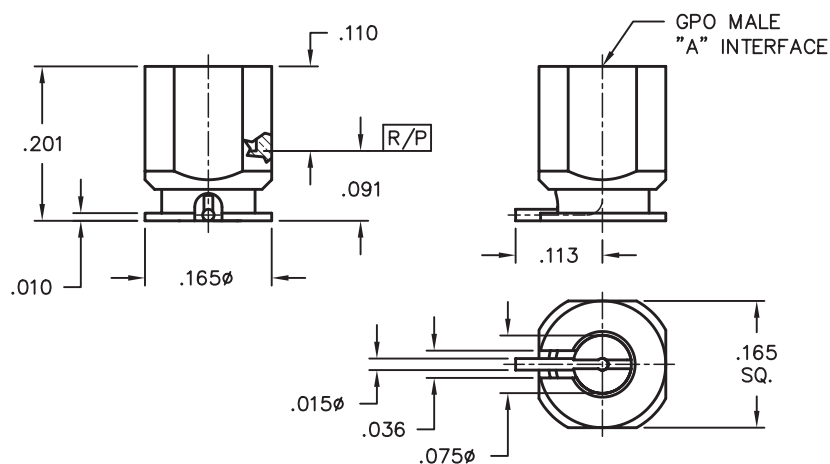
**Male PCB Surface Mount**

Catalog Number	A
A012-P93-01	FD
A012-P94-01	LD
A012-P95-01	SB

VSWR (TYP)

1.25:1 to 18 GHz

1.35:1 to 26.5 GHz



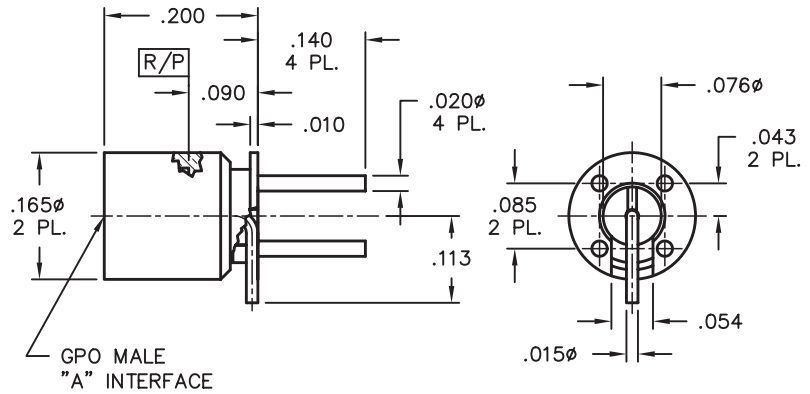
GPO Surface Mounts

Male PCB 4 Leg Thru Mount R/A C/C

Catalog Number	A
A012-P93-04	FD
A012-P94-04	LD
A012-P95-04	SB

VSWR (TYP)

1.25:1 to 18 GHz
1.35:1 to 26.5 GHz



GPO Thread-In Shrouds

Male Thread-in Shroud

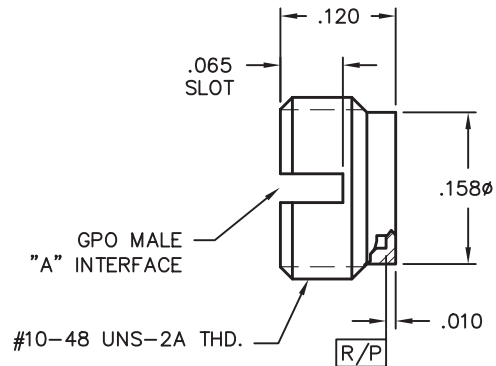
Catalog Number	A
A003-A23-01	FD
A003-A24-01	LD
A003-A25-01	SB

Tools Recommended

A090-A99-01

Assembly Procedure

AP01-024

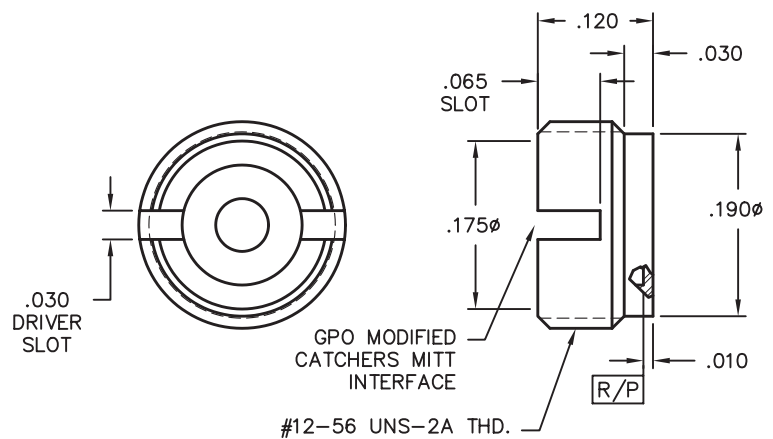


Modified Catchers Mitt Thread-in Shroud

Catalog Number	A
A003-A27-01	

Tools Recommended

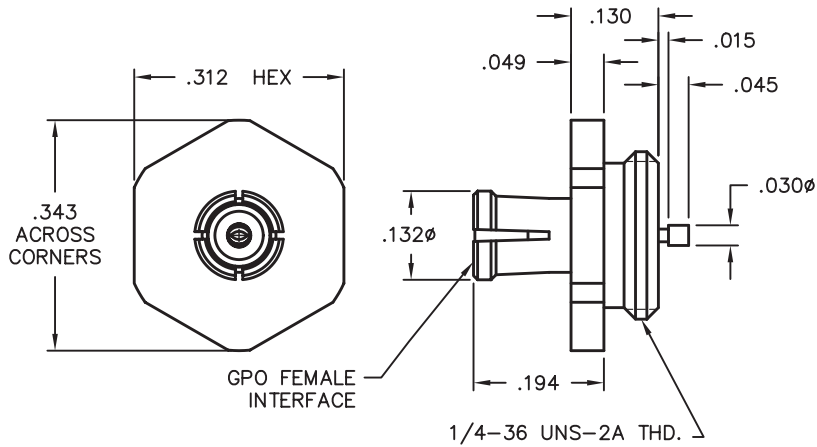
A097-A99-03



Female Thread-in Waveguide Launch

Catalog Number

A003-L11-01



Male Thread-in Straight Terminal

Catalog Number

A

Tools Recommended

A003-L33-01 FD

A097-A99-01 for FD

A003-L34-01 LD

A097-A99-02 for LD

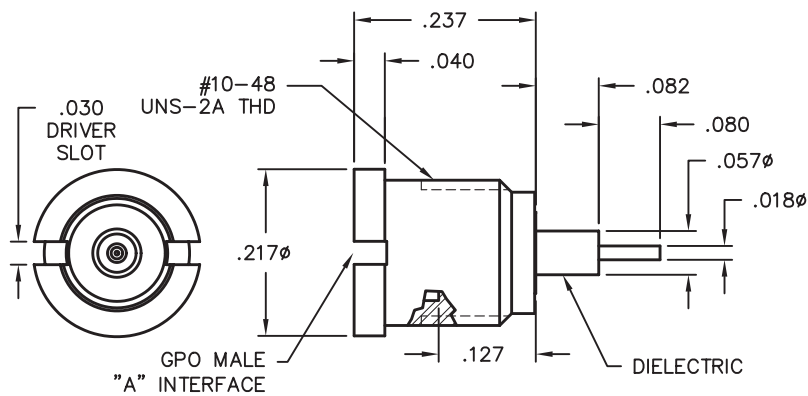
A003-L35-01 SB

A097-A99-03 for SB

VSWR (TYP)

1.25:1 to 18 GHz

1.35:1 to 26.5 GHz



Male Thread-in Shroud 0.018 Pin Contact

Catalog Number

A

Tools Recommended

A003-L33-02	FD
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A097-A99-01 for FD

A003-L34-02 LD

A097-A99-02 for LD

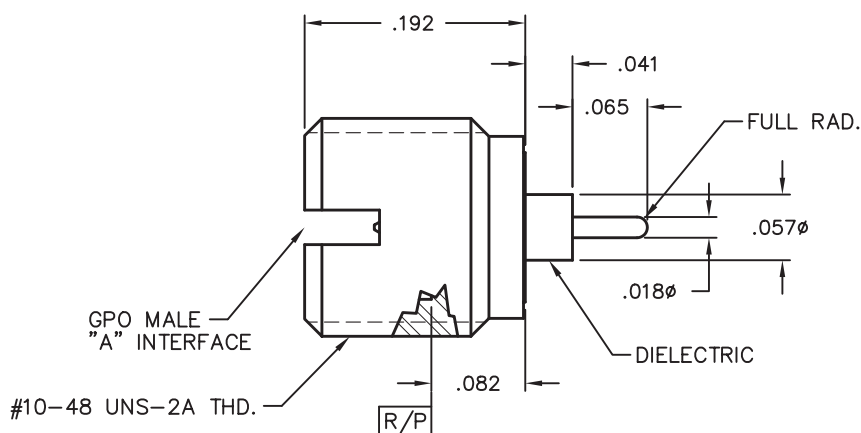
A003-L35-02 SB

A097-A99-03 for SB

VSWR (TYP)

1.25:1 to 18 GHz

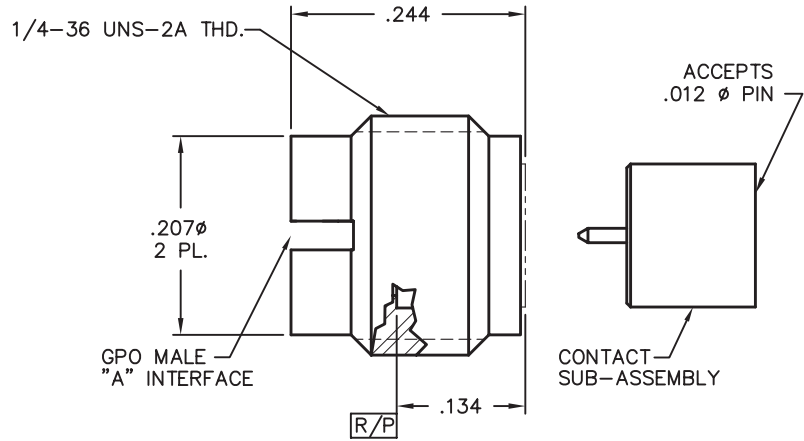
1.35:1 to 26.5 GHz



GPO Thread-In Shrouds

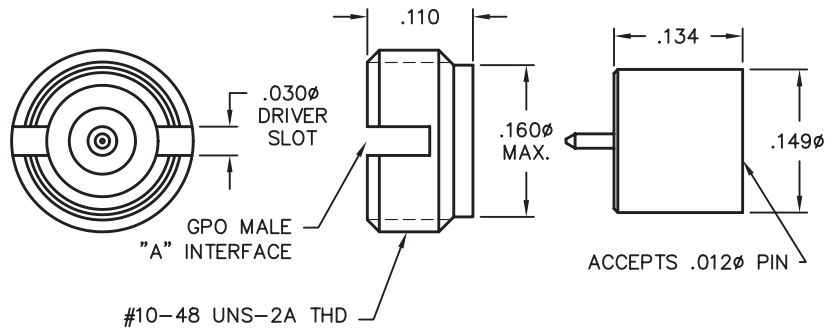
Male Thread-in Shroud Accepts 0.012ø Pin

Catalog Number	A	Tools Recommended
A003-N33-01	FD	A097-A99-01 for FD
A003-N34-01	LD	A097-A99-02 for LD
A003-N35-01	SB	A097-A99-03 for SB
		A097-A99-07
VSWR (TYP)		
1.25:1 to 18 GHz		Assembly Procedure
1.35:1 to 26.5 GHz		AP01-104



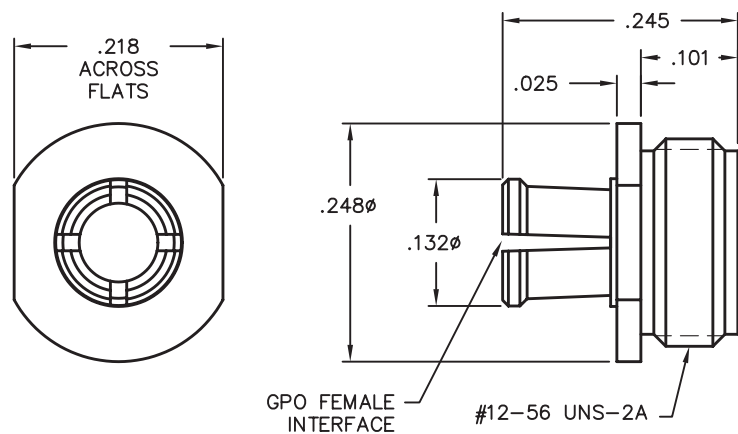
Male Thread-in Shroud Accepts 0.012ø Pin

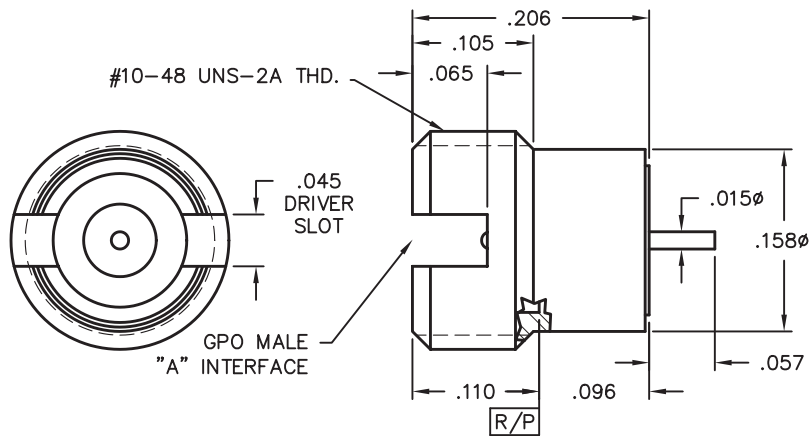
Catalog Number	A	Tools Recommended
A003-N33-02	FD	A097-A99-01 for FD
A003-N34-02	LD	A097-A99-02 for LD
A003-N35-02	SB	A097-A99-03 for SB
		A097-A99-07
VSWR (TYP)		
1.25:1 to 18 GHz		
1.35:1 to 26.5 GHz		



GPO Female Thread-in

Catalog Number
0119-228-1
VSWR (TYP)
1.25:1 to 18 GHz
1.35:1 to 26.5 GHz



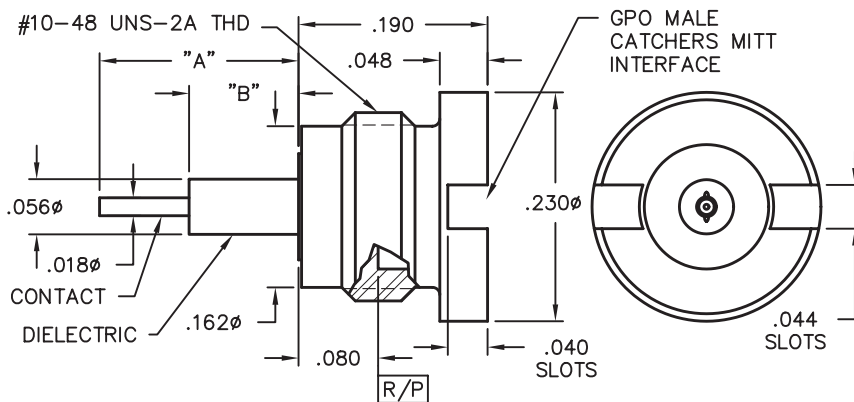


Male Thread-in Non-hermetic Straight Terminal

Catalog Number	A	Tools Recommended
0119-258-3-FD	FD	A090-A99-01 for FD
0119-258-3-LD	LD	A090-A99-02 for LD
0119-258-3-SB	SB	A090-A99-03 for SB

VSWR (TYP)

1.25:1 to 18 GHz
1.35:1 to 26.5 GHz



Male Catchers Mitt to Straight Terminal

Catalog Number	A	B
0119-424-3-1	.067-.073	.040
0119-424-3-2	.097-.103	.040
0119-424-3-3	.200	.110
0119-424-3-4	.350	.260

VSWR (TYP)

1.35:1 to 18 GHz
1.45:1 to 26.5 GHz

Tools Recommended

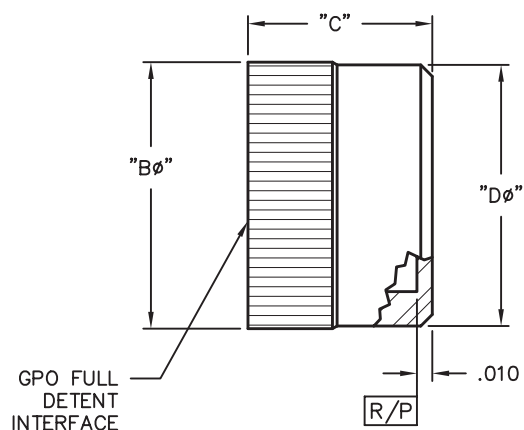
A090-A99-03

Assembly Procedure

AP01-057



1. CONTACT ROTATIONALLY CAPTIVATED
IN RELATION TO OUTER HOUSING.



Male Press-in Shroud

Catalog Number	A	BØ	C	DØ
A005-A23-01	FD	.174	.120	.170
A005-A24-01	LD	.174	.120	.170
A005-A25-01	SB	.174	.120	.170
A005-A23-02	FD	.154	.080	.143
A005-A24-02	LD	.154	.080	.143
A005-A25-02	SB	.154	.080	.143

Tools Recommended

A090-A99-08



GPO Press-In Shrouds

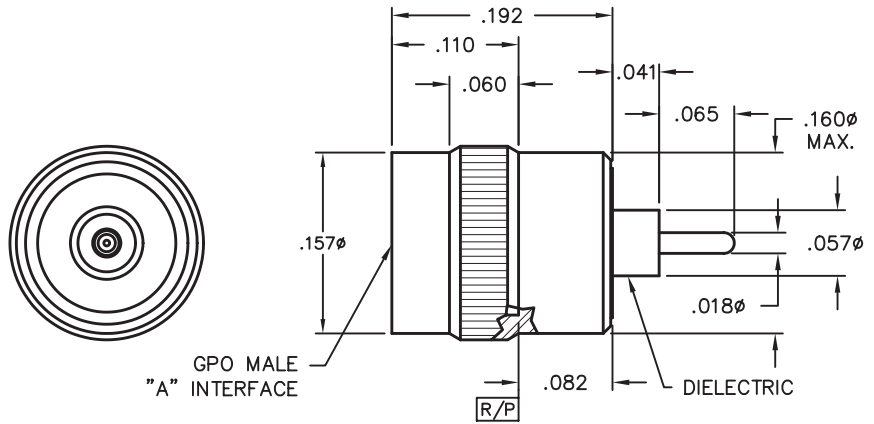
Male Press-in Straight Terminal

Catalog Number	A	Tools Recommended
A005-L33-01	FD	A090-A99-08
A005-L34-01	LD	Assembly Procedure
A005-L35-01	SD	AP01-070

VSWR (TYP)

1.25:1 to 18 GHz

1.35:1 to 26.5 GHz



GPO Hermetic Shrouds

Male Hermetic Shroud Full Shroud Full Body

Catalog Number	A	L Lengths
A007-L43-01-TAB-X	FD	.030/.050/.070/.090
A007-L44-01-TAB-X	LD	.030/.050/.070/.090
A007-L45-01-TAB-X	SB	.030/.050/.070/.090

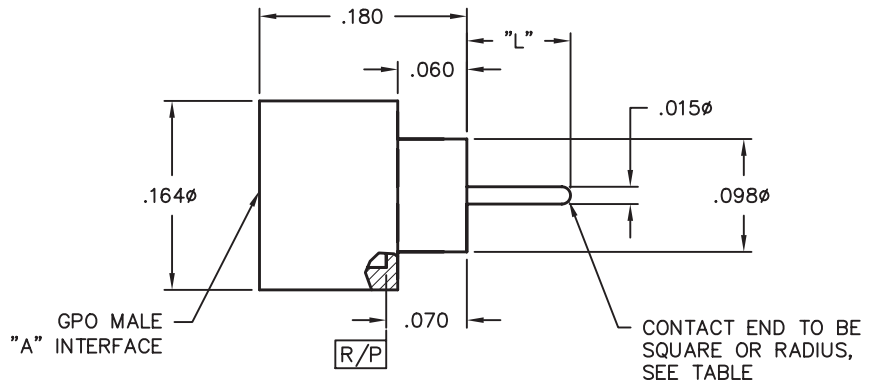
VSWR (TYP)

1.25:1 to 18 GHz

1.35:1 to 26.5 GHz

TAB = $L \times 10^3$ inches

X = Customer defined. Straight (S) or Radius (R) cut.



Male Hermetic Shroud Half Shroud Full Body

Catalog Number	A	L Lengths
A007-L43-02-TAB-X	FD	.030/.050/.070/.090
A007-L44-02-TAB-X	LD	.030/.050/.070/.090
A007-L45-02-TAB-X	SB	.030/.050/.070/.090

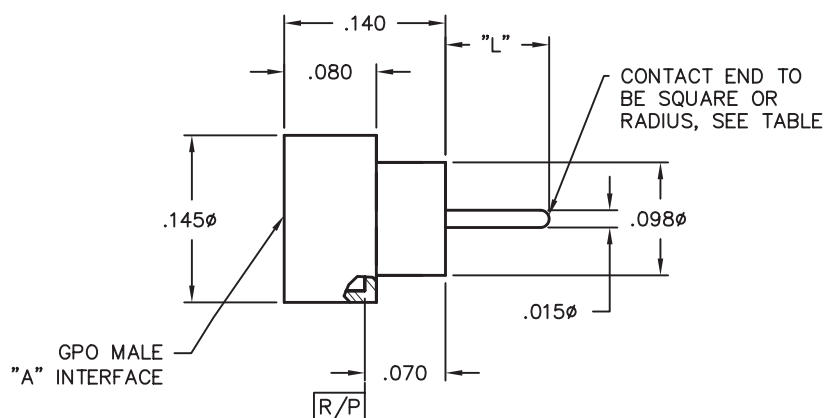
VSWR (TYP)

1.25:1 to 18 GHz

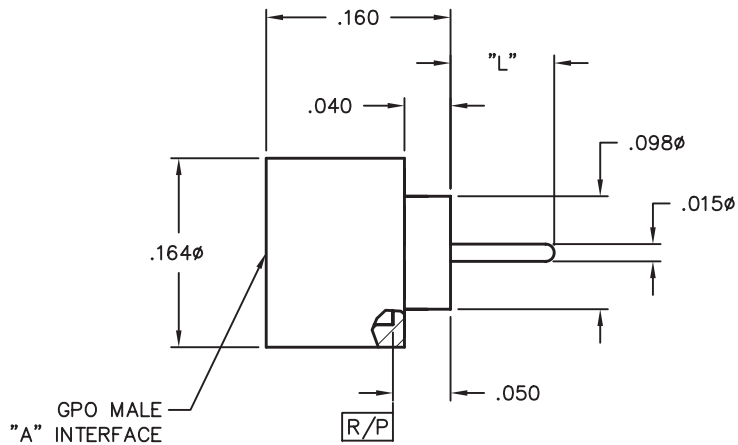
1.35:1 to 26.5 GHz

TAB = $L \times 10^3$ inches

X = Customer defined. Straight (S) or Radius (R) cut.



Male Hermetic Shroud Full Shroud Short Body



Catalog Number	A	L Lengths
A007-L43-03-TAB-X	FD	.030/.050/.070/.090
A007-L44-03-TAB-X	LD	.030/.050/.070/.090
A007-L45-03-TAB-X	SB	.030/.050/.070/.090

VSWR (TYP)

1.25:1 to 18 GHz

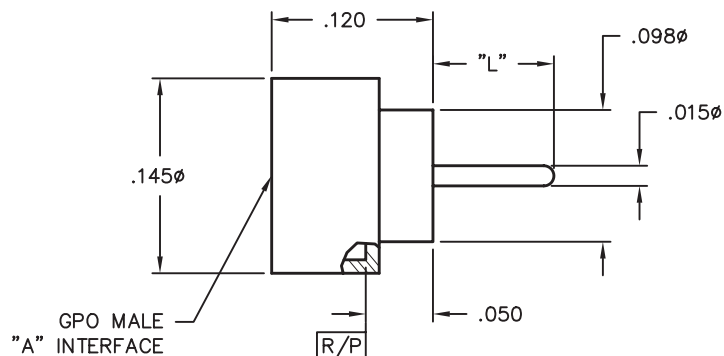
1.35:1 to 26.5 GHz

TAB = $L \times 10^3$ inches

X = Customer defined. Straight (S) or Radius (R) cut.



Male Hermetic Shroud Half Shroud Short Body



Catalog Number	A	L Lengths
A007-L43-04-TAB-X	FD	.030/.050/.070/.090
A007-L44-04-TAB-X	LD	.030/.050/.070/.090
A007-L45-04-TAB-X	SB	.030/.050/.070/.090

VSWR (TYP)

1.25:1 to 18 GHz

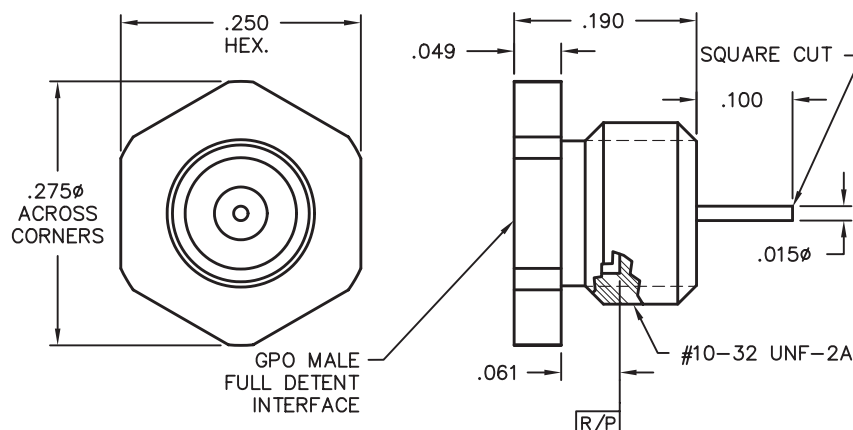
1.35:1 to 26.5 GHz

TAB = $L \times 10^3$ inches

X = Customer defined. Straight (S) or Radius (R) cut.



Male Full Detent Thread-in Shroud Straight Terminal



Catalog Number

A007-L43-14

VSWR (TYP)

1.25:1 to 18 GHz

1.35:1 to 26.5 GHz



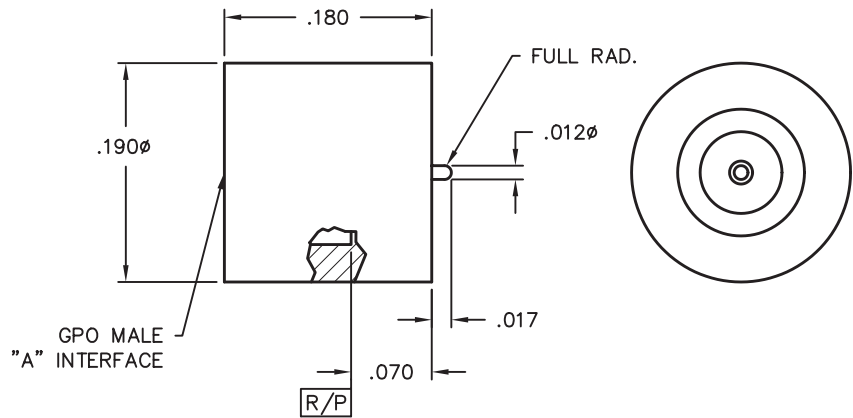
GPO Hermetic Shrouds

Male Solder-in Hermetic Shroud

Catalog Number	A
0119-248-1-FD	FD
0119-248-1-LD	LD
0119-248-1-SB	SB
0119-248-1-CM	CM

VSWR (TYP)

1.25:1 to 18 GHz
1.35:1 to 26.5 GHz

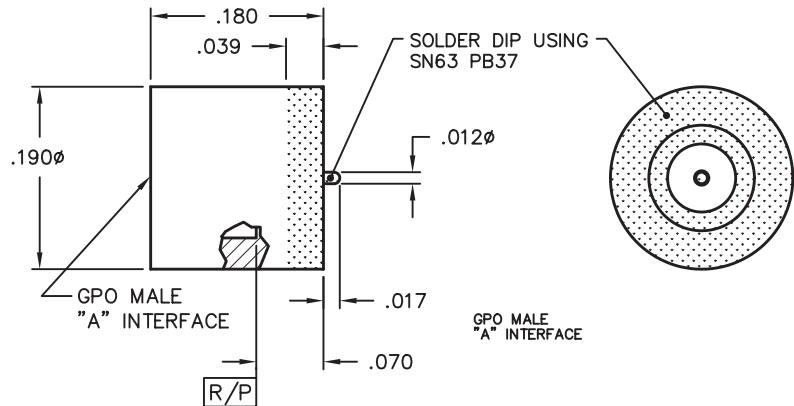


Male Solder-in Hermetic Shroud with Tin Solder Dipping

Catalog Number	A
0119-248-1-FD-T	FD
0119-248-1-LD-T	LD
0119-248-1-SB-T	SB
0119-248-1-CM-T	CM

VSWR (TYP)

1.25:1 to 18 GHz
1.35:1 to 26.5 GHz



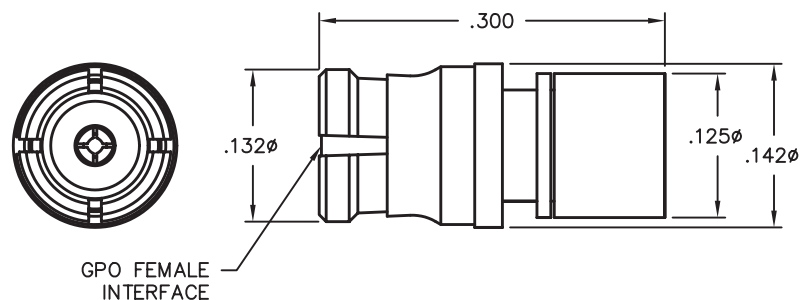
GPO Loads

Female 50 Ohm Load

Catalog Number	Grade
A055-A11-01	TEST GRADE
A055-A11-02	FIELD GRADE

VSWR (TYP)

TEST GRADE 1.20:1 to 26.5 GHz
FIELD GRADE 1.25:1 to 26.5 GHz



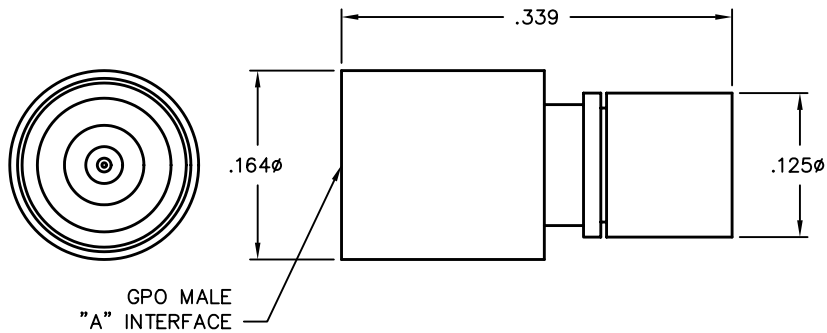
Male 50 Ohm Load

Catalog Number	A	Grade
A055-A14-01	LD	TEST GRADE
A055-A15-01	SB	TEST GRADE
A055-A14-02	LD	FIELD GRADE
A055-A15-02	SB	FIELD GRADE

VSWR (TYP)

TEST GRADE 1.20:1 to 18 GHz, 1.40:1 to 26.5 GHz

FIELD GRADE 1.30:1 to 18 GHz, 1.50:1 to 26.5 GHz



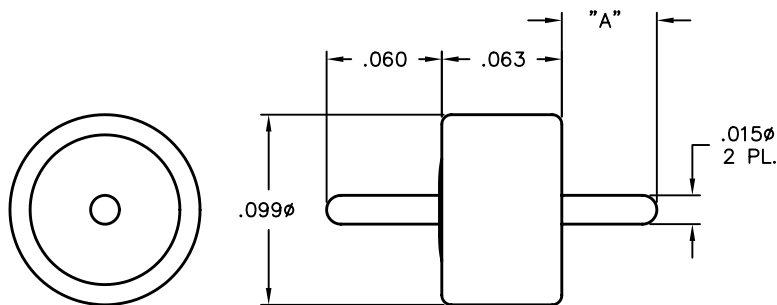
GPO Hermetic Seals

50 Ohm Hermetic Seal

Catalog Number	A
Y007-L42-03	.050
Y007-L42-02	.125
Y007-L42-04	.200

VSWR (TYP)

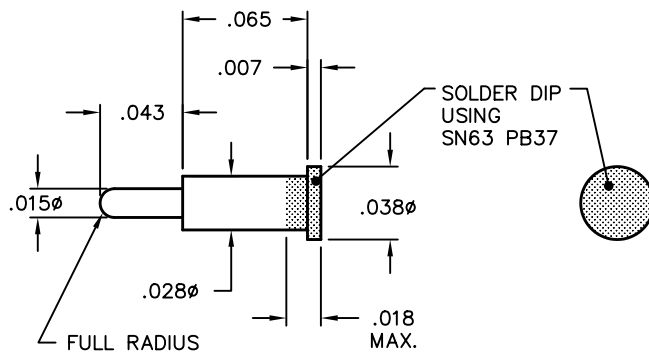
1.15:1 to 26.5 GHz



GPO Pins

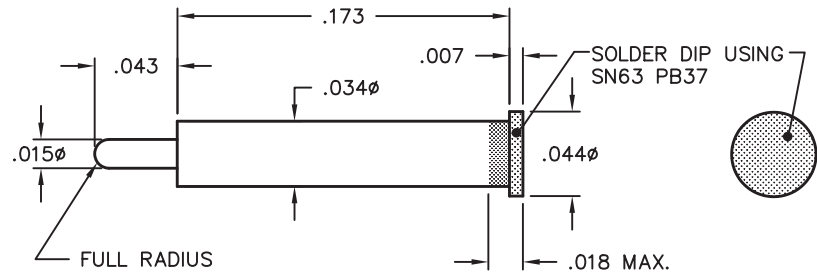
Catalog Number

Y071-L92-02



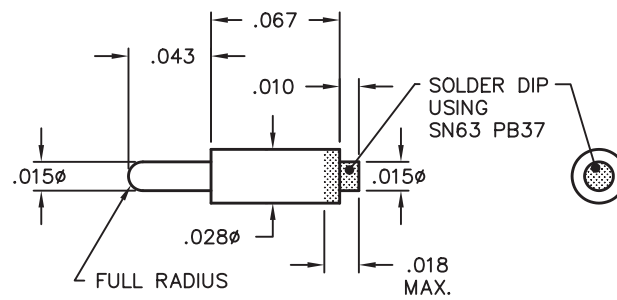
Catalog Number

Y071-L92-03



Catalog Number

Y071-L92-04



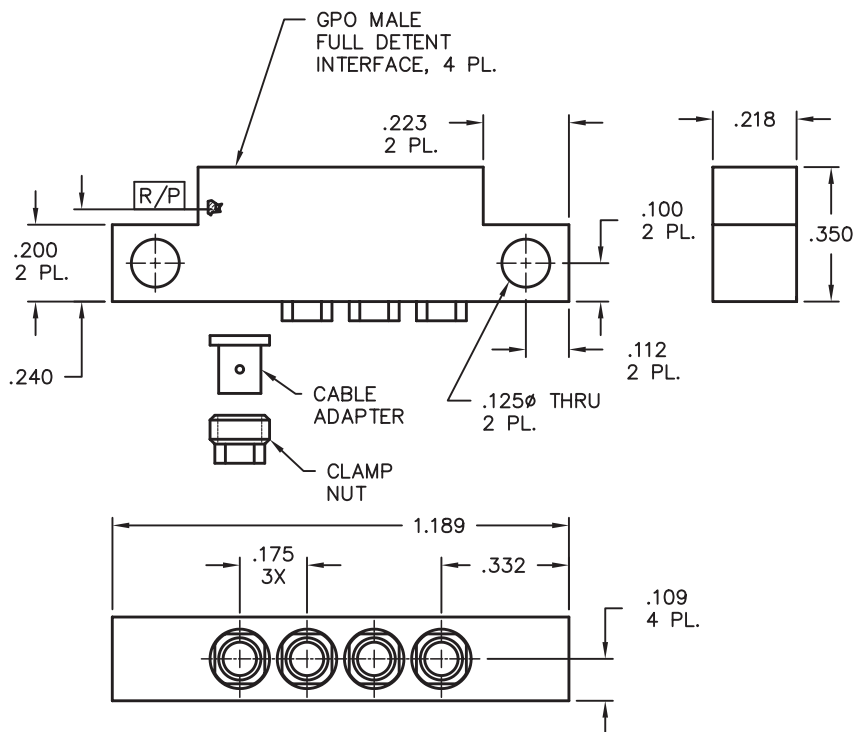
GPO Male Full Detent 4-Position Field Replacement 0.086 Cable Connector

Catalog Number

A033-B93-02-4

Mating Block:

A033-B95-02-4



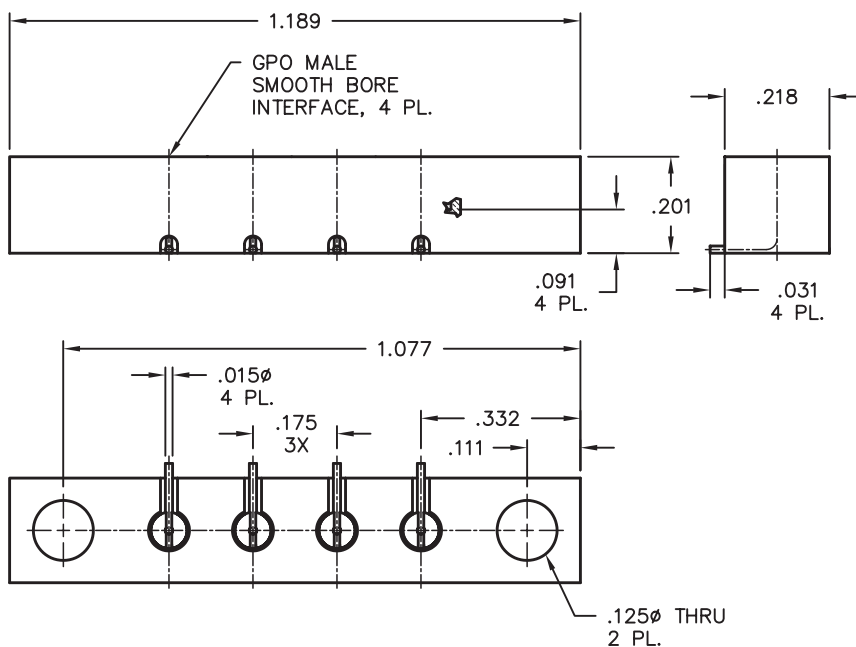
GPO Male Smooth Bore 4-Position Surface Mount PCB Connector

Catalog Number

A036-P95-01-4

Mating Block:

A036-P93-01-4



**Male 2-Position Full Detent Connector
for 0.086 S/R Cable**

Catalog Number
A033-D53-01

