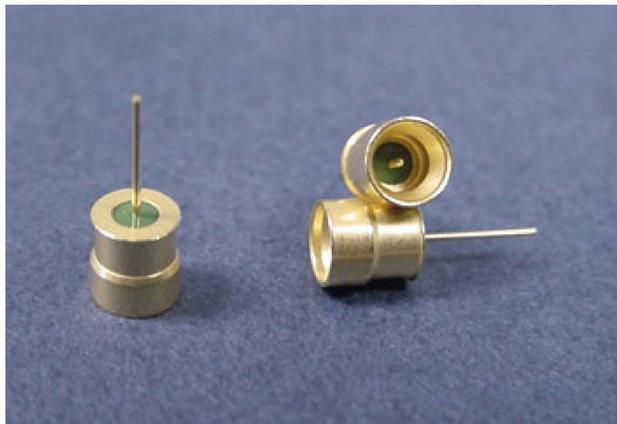




39 Souhegan Street - P.O. Box 269, Wilton, New Hampshire 03086
TEL (603) 654-2002 FAX (603) 654-2533
email: sales@shp-seals.com - website: www.shp-seals.com

ISO 9001:2008 Certified

SMPM CONNECTORS



Our SMPM aluminum compatible RF connectors are manufactured to MIL-STD-348 with unique processes and controls to assure compliance with all specified properties. Particular attention has been given to plating control to assure required plating thickness. Minimum plating on pins is guaranteed for wire and ribbon bonding. Limited plating on housing is assured to prevent gold embrittlement when soldering with Sn and SnPb based solders and also to preserve dimensional precision.

SMPM SPECIFICATION

- | | |
|--------------------------|--|
| Body Material | - Alloy 48 |
| Glass Seal | - Corning 7070 |
| Pin Material | - Iron Nickel Cobalt Alloy (ASTM F 15) |
| Standard Plating | - 50 microinches minimum GOLD per MIL-G-45204, Type III, Grade A on body & pin over 100-200 microinches Electroless NICKEL per MIL-C-26074. Other plating available. |
| Frequency | - Up to 40 GHz |
| Pin Launch Concentricity | - .004 TIR |
| Impedance | - 50 Ohm nominal |
| Engage/Disengage Force | - Per DSCC 94007 & DSCC 94008 |
| Connector Interface | - Per MIL-STD-348 |

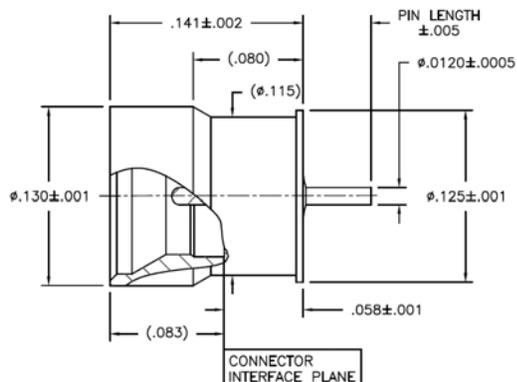
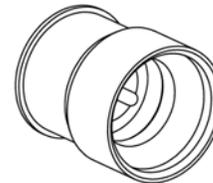


39 Souhegan Street - P.O. Box 269, Wilton, New Hampshire 03086
 TEL (603) 654-2002 FAX (603) 654-2533
 email: sales@shp-seals.com - website: www.shp-seals.com

ISO 9001:2008 Certified

SMPM CONNECTORS

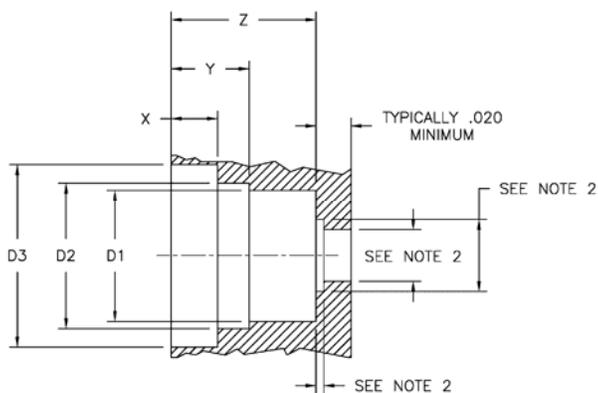
ROBUST ALUMINUM COMPATIBLE



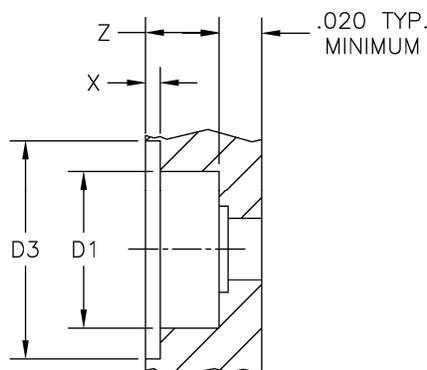
For superior performance when used in place of commonly available competitive devices in aluminum with soft solders. Consult SHP for application guidance.

PART NO.	BODY MATERIAL
RACMPO-1300x-xxxR-40	ALLOY 48

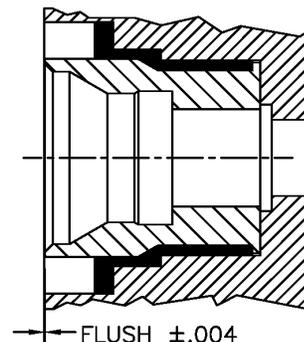
- Indicate Detent (see note 1)
- Indicate Pin Length in thousandths
- Radius optional
- Standard Plating (Contact SHP for other plating options)



Flush Application



Max Protrusion Application



SERIES	PROTRUSION	X ±.002	Y ±.002	Z ⁽⁴⁾ ±.002	D1 ±.001	D2 ±.001	D3 ±.002
RACMPO-1300	FLUSH	.045	.076	.141	.128	.142	.178
	MAX	.012	N/A	.060	.128	N/A	.178
	OTHER	CONTACT SHP			.128	.142	.178

- NOTES: (1) Insert: F - Full Detent or S - Smooth Bore
 (2) Thru hole and compensation c' bore are customer specified
 (3) See bulletin 205 for solder preforms.
 (4) Depending on desired interface/mate requirements adjustment may be required. Please call for assistance.

All dimensions are inches.

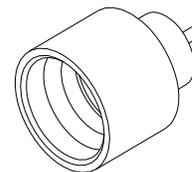
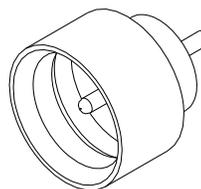
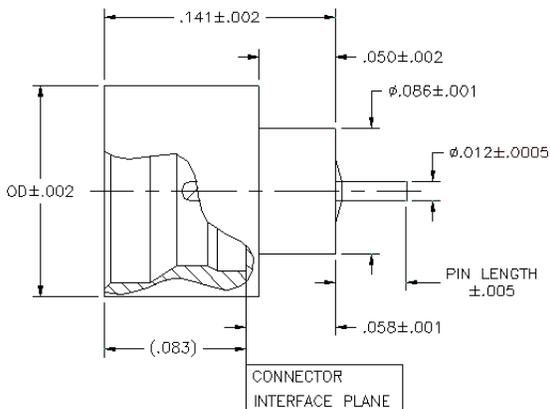


39 Souhegan Street - P.O. Box 269, Wilton, New Hampshire 03086
TEL (603) 654-2002 FAX (603) 654-2533
email: sales@shp-seals.com - website: www.shp-seals.com

ISO 9001:2008 Certified

SMPM CONNECTORS

COMMON PUSH-ON



For superior performance when used in place of commonly available competitive devices. Consult SHP for application guidance.

PART NO.	O.D.	BODY MATERIAL
COMMPO-1350x-xxxR-40	.130	ASTM-F15
COMMPO-1450x-xxxR-40	.144	(KOVAR)

- Indicate Detent (see note 1)
- L2 (Indicate Pin Length in thousandths)
- Radius Optional
- Standard Plating (Contact SHP for other plating options)

Example Part No: COMMPO-1450F-055-40

NOTES: (1) Insert: F - Full Detent, S - Smooth Bore

All dimensions are inches.