

SMA FIELD REPLACEABLE CONNECTORS



FEATURES:

- Manufactured per MIL-PRF-39012
- Stainless Steel Construction
- Frequency: DC to 18 GHz
- With or without EMI gasket
- Precision TNC and N Types are also available. Consult factory.

FLANGE TYPES			
.375 SQ. .375 sq. .067 dia. 4 holes	.500 SQ. .500 sq. .102 dia. 4 holes	.375 X .500 .500 .375 .222 .340 .093 dia. 4 holes	.223 X .625 .223 .625 .481 .102 dia. 2 holes

CONNECTOR	ACCEPTS PIN DIA.	MODEL	MODEL	MODEL	MODEL
 JACK MATING	.012	3131K-12-*	3131-12-*	3142-12-*	3130-12-*
	.015	3131K-15-*	3131-15-*	3142-15-*	3130-15-*
	.018	3131K-18-*	3131-18-*	3142-18-*	3130-18-*
	.020	3131K-20-*	3131-20-*	3142-20-*	3130-20-*
	.036	3131K-36-*	3131-36-*	3142-36-*	3130-36-*
 PLUG MATING	.012	3310K-12-*	3310-12-*	3310Y-12-*	3311-12-*
	.015	3310K-15-*	3310-15-*	3310Y-15-*	3311-15-*
	.018	3310K-18-*	3310-18-*	3310Y-18-*	3311-18-*
	.020	3310K-20-*	3310-20-*	3310Y-20-*	3311-20-*
	.036	3310K-36-*	3310-36-*	3310Y-36-*	3311-36-*
 RIGHT ANGLE JACK MATING	.012	N/A	3927F-12-*	3927FY-12-*	3927FA(#)-12-*
	.015		3927F-15-*	3927FY-15-*	3927FA(#)-15-*
	.018		3927F-18-*	3927FY-18-*	3927FA(#)-18-*
	.020		3927F-20-*	3927FY-20-*	3927FA(#)-20-*
	.036		3927F-36-*	3927FY-36-*	3927FA(#)-36-*
 RIGHT ANGLE PLUG MATING	.012	N/A	3927M-12-*	3927MY-12-*	3927MA(#)-12-*
	.015		3927M-15-*	3927MY-15-*	3927MA(#)-15-*
	.018		3927M-18-*	3927MY-18-*	3927MA(#)-18-*
	.020		3927M-20-*	3927MY-20-*	3927MA(#)-20-*
	.036		3927M-36-*	3927MY-36-*	3927MA(#)-36-*
 FEMALE SOCKET SOLDER CONTACT	DIRECT SOLDER FLANGE FOR .047 SEMI-RIGID CABLE				
	.012	3147K-12-1	3147-12-1	3147Y-12-1	3147A-12-1
	.015	3147K-15-1	3147-15-1	3147Y-15-1	3147A-15-1
	.018	3147K-18-1	3147-18-1	3147Y-18-1	3147A-18-1
 FEMALE SOCKET CAPTIVE CONTACT	DIRECT SOLDER FLANGE FOR .085 SEMI-RIGID CABLE				
	.012	3185K-12-1	3185-12-1	3185Y-12-1	3185A-12-1
	.015	3185K-15-1	3185-15-1	3185Y-15-1	3185A-15-1
	.018	3185K-18-1	3185-18-1	3185Y-18-1	3185A-18-1
	.020	3185K-20-1	3185-20-1	3185Y-20-1	3185A-20-1

NOTES: For EMI gasket add suffix "E" to part number. Example 3130E-12-*
 # add suffix: With contact facing down; "R" for 45° right; "L" for 45° left; leave blank for 90° horizontal contact orientation.
 Nominal pin diameter show; Flange thickness is .065 for all flange types; insulators are flush to flange.
 Other connector configurations are available; contact COAXICOM.
 * -1 indicates gold plated stainless steel body, -9 indicates passivated (stainless steel).

FEED-THROUGH CONNECTORS (ACCEPTS PIN LENGTH OF 0.100")			HERMETIC
3533-#-*	3935A-#-*	3137-#-*	3137AB-20-9
KNURL MOUNT 	SCREW-IN INSERT 	DIRECT SCREW-IN 3137A-#-* (L = .500) 3137B-#-* (L = .825) 	KNIFE EDGE

NOTES: 3533-#-* Uses the same mounting hole as that shown on the top left of page 17. Can be used with 3309-# series of hermetic seals.
 # - Add suffix for pin diameter. ie: "20" for .020, "36" for .036.
 * : -1 for gold plated stainless steel body, -9 for passivated stainless steel body.

TRANSITION PINS, INSULATORS & SEALS

3304-(1 thru 10) TAB TERMINAL	Panel or Package Wall Thickness	Dimensions, inches (mm)		Model	Model					
		a	e	.020 Tab Width	.050 Tab Width					
3305-(11 thru 25) SLOT TERMINAL	Flush	.173	.017	3304-1	3304-2					
	.062	.236	.080	3304-3	3304-4					
	.125	.298	.142	3304-5	3304-6					
	.187	.361	.205	3304-7	3304-8					
	.250	.423	.267	3304-9	3304-10					
	3306-(26 thru 30) MICROSTRIP POST TERMINAL	Flush	.173	.017	Model	Model				
.062		.236	.080	.012 Slot Width	.018 Slot Width					
.125		.298	.142	3305-11	3305-12					
.187		.361	.205	3305-14	3305-15					
.250		.423	.267	3305-17	3305-18					
3308 - (32 thru 36) TFE INSULATOR					3305-19	3305-16				
				3305-20	3305-17					
				3305-21	3305-18					
				3305-22	3305-19					
				3305-23	3305-20					
				3305-24	3305-21					
3309-(38 thru 42) HERMETIC SEAL				3305-25	3305-22					
				Model	Model					
				3306-26	3306-27					
				3306-28	3306-28					
				3306-29	3306-29					
				3306-30	3306-30					
3303-37 TEST PIN				50" DIA. BLUNT POST TERMINAL	50" DIA. BLUNT POST TERMINAL					
				Model	Model					
				3308-32	3308-32					
				3308-33	3308-33					
				3308-34	3308-34					
				3308-35	3308-35					
			3308-36	3308-36						
			Model	Model	Model					
			a	b	c	d	e	f	g	
			3309-38	.020	.036	.158	.075	.060	.185	.320
			3309-39	.020	.020	.158	.060	.060	.203	.323
			3309-40	.018	.018	.110	.072	.060	.180	.315
			3309-41	.015	.015	.097	.072	.060	.180	.312
			3309-42	.012	.012	.097	.072	.060	.180	.315

NOTES: All transition pins are gold plated.
 Special types are available; contact factory.
 Kovar Glass hermetic seal has a gold plated pin that may be soldered directly into the package providing leakage less than 10⁻⁸ cc/sec.