



947-139 Sav-Con® Connector Saver In-Line Connector for Use with MIL-DTL-38999 Series III

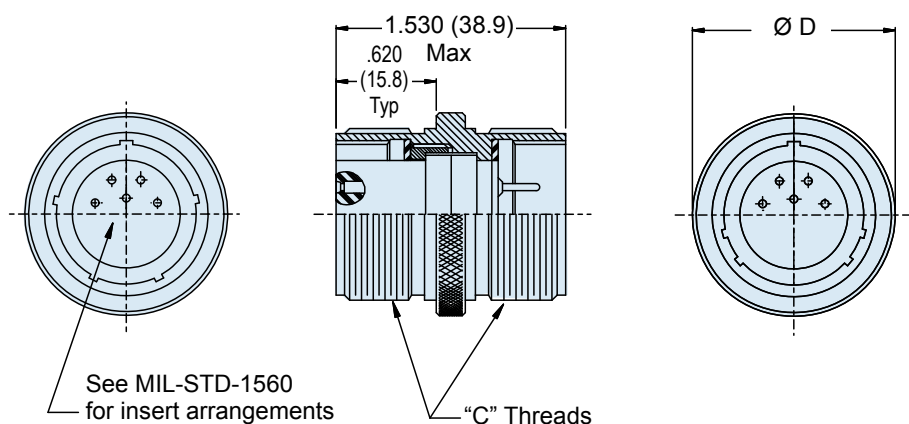
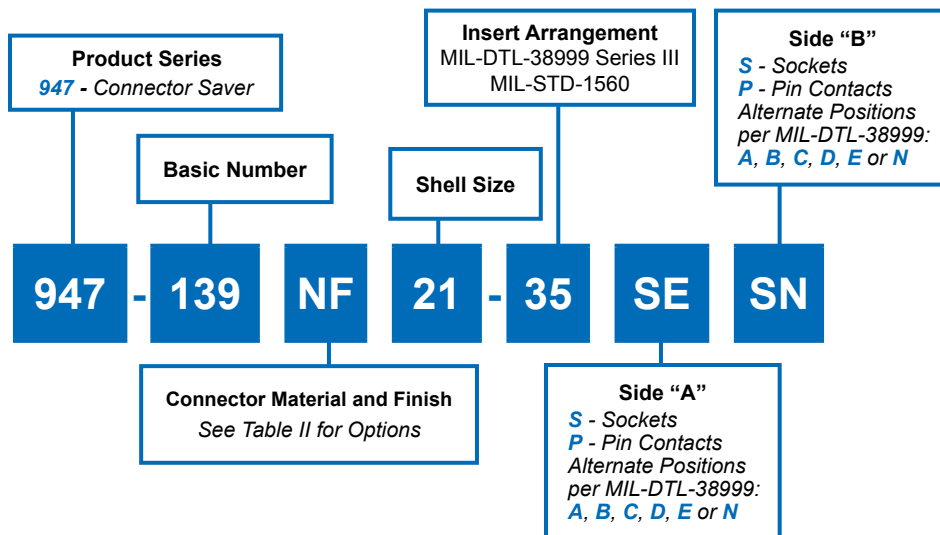


TABLE I: CONNECTOR DIMENSIONS		
SHELL SIZE	C THREAD	Ø D MAX
09	.625-1P-.3L-2A	.859
11	.750-1P-.3L-2A	.984
13	.875-1P-.3L-2A	1.156
15	1.000-1P-.3L-2A	1.281
17	1.187-1P-.3L-2A	1.406
19	1.250-1P-.3L-2A	1.516
21	1.375-1P-.3L-2A	1.641
23	1.500-1P-.3L-2A	1.766
25	1.625-1P-.3L-2A	1.891

APPLICATION NOTES

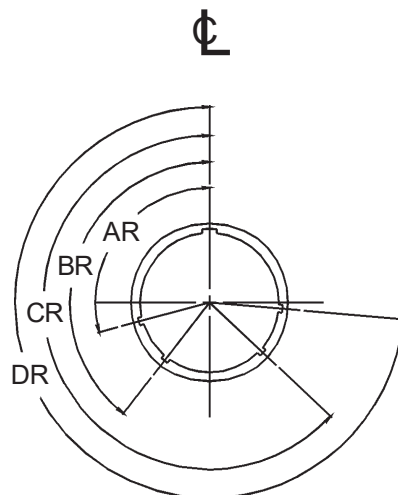
- For pin/pin and skt/skt symmetrical layouts only. Consult factory for available insert arrangements.
- Power to a given contact on one end will result in power to the contact directly opposite, regardless of identification marking.
- Metric dimensions (mm) are indicated in parentheses.
- Material/finish:
Shell assembly—Al alloy/see Table II
Contacts—Copper alloy/gold plate
Insulators—High-grade rigid dielectric/ N.A.
Seals—Silicone/ N.A

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 for Use with MIL-DTL-38999 Series III



TABLE II: SHELL FINISHES

Plating Code	Material	Finish
M	Aluminum	Electroless Nickel
NF	Aluminum	Cadmium Plate Olive Drab over Electroless Nickel
NC	Aluminum	Zinc-Cobalt
ZN	Aluminum	Olive Drab Zinc-Nickel
MT	Aluminum	Ni-PTFE 1000 Hour Grey™ (Nickel Fluorocarbon Polymer)



FACE VIEW
RECEPTACLE

SERIES III: ALTERNATE KEYWAY POSITIONS

Shell Size Code	Shell Size Ref	Alternate Keyway Code	AR°	BR°	CR°	DR°
A	09	N	105	140	215	265
		A	102	132	248	320
		B	80	118	230	312
		C	35	140	205	275
		D	64	155	234	304
		E	91	131	197	240
B C D	11 13 15	N	95	141	208	236
		A	113	156	182	292
		B	90	145	195	252
		C	53	156	220	255
		D	119	146	176	298
		E	51	141	184	242
E F	17 19	N	80	142	196	293
		A	135	170	200	310
		B	49	169	200	244
		C	66	140	200	257
		D	62	145	180	280
		E	79	153	197	272
G H J	21 23 25	N	80	142	196	293
		A	135	170	200	310
		B	49	169	200	244
		C	66	140	200	257
		D	62	145	180	280
		E	79	153	197	272