

STEP 3: SELECT LAYOUT

LAYOUT	SERVICE RATING	TOTAL	CONTACTS					INSERT ROTATIONS			
			20	16	12	12 COAX	8 COAX	W	X	Y	Z
8-2*	I	2	2					58	122	-	-
8-3*	I	3	3					60	210	-	-
8-4*	I	4	4					45	97#	184#	-
8-33††	I	3	3					90	-	-	-
10-6††	I	6	6					90	-	-	-
10-98*	I	6	6					90	180	240	270
12-3††	II	3		3				-	-	180	-
12-8††	I	8	8					90	112	203	292
12-10††	I	10	10					60	155	270	295
14-5††	II	5		5				40	92	184	273
14-12††	I	12	8	4				43	90	-	-
14-15††	I	15	14	1				17	110	155	234
14-18††	I	18	18					15	90	180	270
14-19††	I	19	19					30	165	315	-
14-22*	I	5	1		4			45	-	-	-
14-91*	HV 5k	3	3					-	60	-	-
16-8††	II	8		8				54	152	180	331
16-23††	I	23	22	1				158	270	-	-
16-26††	I	26	26					60	-	275	338
16-76*	Coax	14	8		1	5		-	-	-	-
16-99††	I	23	21	2				66	156	223	340
18-5*	II	5			5			55	97	263	315
18-11††	II	11		11				62	119	241	340
18-30††	I	30	29	1				180	193	285	350
18-32††	I	32	32					85	138	222	265
18-80*	I/Coax	8	6				2	45	90	135	160
18-91*	HV 5k	6	6					90	180	240	270
20-16††	II	16		16				238	318	333	347
20-27*	I	27	27					72	144	216	288
20-39††	I	39	37	2				63	144	252	333
20-41††	I	41	41					45	126	225	-
22-7*	Coax	7					7	19	41	-	-
22-21††	II	21		21				16	135	175	349
22-25*	I	25		25				60	125	211	336
22-32††	I	32	32					72	145	215	288
22-34*	I	34	34					62	142	218	298
22-36*	I	36	36					72	144	216	288
22-41††	I	41	27	14				39	135	264	-
22-55††	I	55	55					30	142	226	314
22-78*	Coax	7					7	19	41	-	-
22-96*	II	7			7♦			19	41	-	-
24-31*	I	31		31				90	225	255	-
24-51*	I/Coax	51	47		4			22	171	313	-
24-61††	I	61	61					90	180	270	324

STEP 4: SELECT CONTACT

P = Pin S = Socket

STEP 5: SELECT ROTATION

See chart at left (Omit for normal)

W, X, Y, Z

STEP 6: SELECT MODIFIER

Default plating: Olive Drab Cadmium

- SR*** = F-Style Strain Relief
(not military)
- 002*** = Black Anodized
- 005*** = Anodic Coating
(Alumilite)
- 014*** = Olive Drab Chromate over Cadmium over Nickel (500-hour salt spray, call for details)
- 023*** = Electroless Nickel (RoHS)
- 024*** = Olive Drab Zinc Alloy
- 025*** = Non-Conductive
Black Zinc Alloy (RoHS)
- 027*** = Conductive
Black Zinc Alloy (RoHS)
- 424*** = Electroless Nickel and Strain Relief
(SR & 023) (RoHS)
- 466*** = Olive Drab Alloy with Strain Relief
(SR & 024)
- 470*** = Non-conductive
Black Zinc Alloy with Strain Relief
(SR & 025) (RoHS)
- 476*** = Conductive Black Zinc
Alloy with Strain Relief (SR & 027) (RoHS)
- SCC*** = Self-Closing Cap
Box Mount (02)
Shell sizes 8,10, 12 & 18 only
- LC** = Less Contacts

PART NUMBER KEY:

Commercial=(*) Commercial & Military=(††)

= Commercial Rotation Only (Not Military)

LAYOUTS BY NUMBER OF CONTACTS

CONTACT LEGEND ○ = 20 ● = 16 ○ = HV ○ = 12 ○ = coax
Mating face view of pin inserts

SERIES LEGEND

▲ = PT-Solder

△ = Solder: Military & PT

■ = PT-CE

◆ = PT-SE Crimp

◇ = Crimp: Military & PT-SE

S = Socket only

U = 14-44

CONTACTS	1	2	3	4
SHELL SIZE/LAYOUT # OF CONTACTS SERIES SERVICE RATING				
	6-1 1-#20	8-2 2-#20	10-2 2-#16	8-3 3-#20
	▲	■ ▲	▲	■ ▲
	I	I	I	I
SHELL SIZE/LAYOUT # OF CONTACTS SERIES SERVICE RATING				
	8-33 3-#20	8-98 3-#20	12-3 3-#16	14-91 3-HV
	■ ▲	◆ ▲	■ ◆ ▲	▲
	I	I	II	HV5k
SHELL SIZE/LAYOUT # OF CONTACTS SERIES SERVICE RATING				
	8-4 4-#20	12-4 4-#16	14-4S 4-#12	
	■ ▲	▲	▲	
	I	I	I	

CONTACTS	4	5	6
SHELL SIZE/LAYOUT # OF CONTACTS SERIES SERVICE RATING			
	14-AAU 4-#12	18-76 4(coax)	10-5 5-#20
	▲	■	▲
	I	(coax)	I
SHELL SIZE/LAYOUT # OF CONTACTS SERIES SERVICE RATING			
	14-5 5-#16	14-22 4-#12; 1-#20	18-5 5-#12
	■ ▲ ◆	◆	■ ◆ ▲
	II	I	II
SHELL SIZE/LAYOUT # OF CONTACTS SERIES SERVICE RATING			
	10-6 6-#20	10-98 6-#20	18-91 6-HV
	■ ◆ ▲	■ ▲	■ ◆
	I	I	HV5k

CONTACTS	7	8	
SHELL SIZE/LAYOUT # OF CONTACTS SERIES SERVICE RATING			
	20-90 7-HV	22-7 7(coax)	22-78 7(coax)
	▲	◆	◆
	I	II	HV5k
SHELL SIZE/LAYOUT # OF CONTACTS SERIES SERVICE RATING			
	22-96 7-#12	12-8 8-#20	16-8 8-#16
	◆	■ ◆ ▲	■ ◆ ▲
	I	I	I

CONTACTS	8	9	10	11	12
SHELL SIZE/LAYOUT # OF CONTACTS SERIES SERVICE RATING					
	18-80 6-#20; 2(coax)	22-71 2-#20; 7(coax)	12-10 10-#20	18-11 11-#16	14-12 4-#16; 8-#20
	■	■	■ ◆ ▲	■ ◆ ▲	■ ◆ ▲
	II/(coax)	(coax)	I	II	I

CONTACTS	14	15	16	18
SHELL SIZE/LAYOUT # OF CONTACTS SERIES SERVICE RATING				
	12-14 14-#20	16-76 5-#12; 8-#20; 1(coax)	20-70 10-#20; 4(coax)	14-15 1-#16; 14-#20
	▲	◆	■	■ ◆ ▲
	I	Size 12 (coax) User-Defined	I	II
SHELL SIZE/LAYOUT # OF CONTACTS SERIES SERVICE RATING				
	16-70 1-#12(coax); 14-#20	20-16 16-#16	14-18 18-#20	
	■ ▲	■ ◆ ▲	■ ◆ ▲	
	not rated	I	I	

LAYOUTS BY NUMBER OF CONTACTS

CONTACT LEGEND ○ = 20 ● = 16 ○ = HV ● = 12 ○ = coax
Mating face view of pin inserts

SERIES LEGEND ▲ = PT-Solder △ = Solder: Military & PT
■ = PT-CE ◆ = PT-SE Crimp ◇ = Crimp: Military & PT-SE

CONTACTS	19	21	23	24	25
SHELL SIZE/LAYOUT	14-19	22-21	16-23	20-24	20-25
# OF CONTACTS	19-#20	21-#16	1-#16; 22-#20	24-#20	25-#20
SERIES	■ ◆ △	■ ◆ △	■ ◆ △	△	▲
SERVICE RATING	I	II	I	I	I

CONTACTS	25	26	27	30	31
SHELL SIZE/LAYOUT	22-25	16-26	20-27	18-30	24-31
# OF CONTACTS	25-#16	26-#20	27-#20	1-#16; 29-#20	31-#16
SERIES	◆	■ ◆ △	■ ◆ △	■ ◆ △	■ ▲
SERVICE RATING	I	I	I	I	I

CONTACTS	32	34	36	39
SHELL SIZE/LAYOUT	18-32	22-32	22-34	22-36
# OF CONTACTS	32-#20	32-#20	34-#20	36-#20
SERIES	■ ◆ △	■ △	■ ▲	■ ▲
SERVICE RATING	I	I	I	I

CONTACTS	41	51	55	61
SHELL SIZE/LAYOUT	20-41	22-41	24-51	22-55
# OF CONTACTS	41-#20	14-#16; 27-#20	4-#12(coax); 47-#20	55-#20
SERIES	■ ◆ △	■ ◆ △	◆	■ ◆ △
SERVICE RATING	I	I	I	I