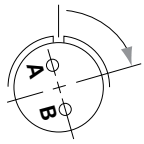
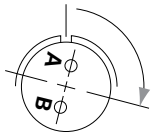
Selecting Your Insert Arrangement & Rotation

Below is a chart that represents every available shell and insert arrangement within the series. To choose the proper insert arrangement, you must first distinguish your application requirements for contact size and amount.

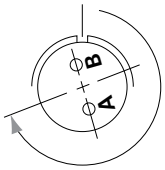
Rotations are designated at the time of ordering using rotation labels N (normal), W, X, Y, and Z. Some insert arrangements have limited or no alternate rotation options. Refer to the chart below for possible rotations for specific arrangements. ■



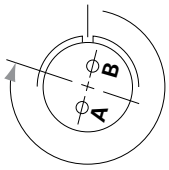
Position W



Position X



Position Y



Position Z

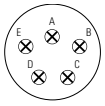
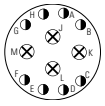
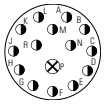
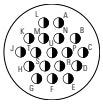
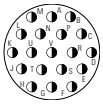
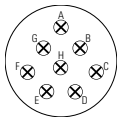
Looking into front face of pin insert or rear of socket insert.

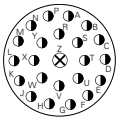
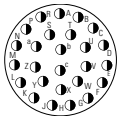
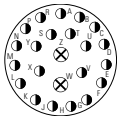
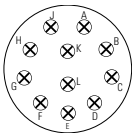
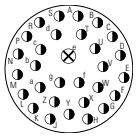
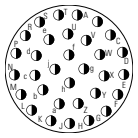
Insert Arrangement Selection

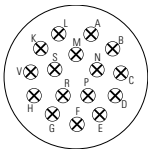
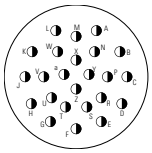
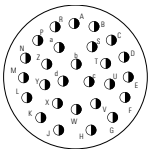
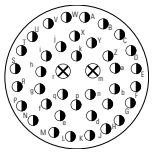
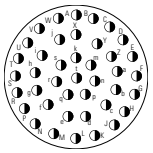
Insert Arrangement	Total Contacts	Contact Size		Service Rating	Alternate Insert Rotation			
		#20	#16		W	X	Y	Z
8-2	2	2		I	58°	122°		
8-3	3	3		I	60°	210°		
8-4	4	4		I	45°	97°	184°	
10-6	6	6		I	90°			
10-98	6	6		I	90°	180°	240°	270°
12-3	3		3	II			180°	
12-8	8	8		I	90°	112°	203°	292°
12-10	10	10		I	60°	155°	270°	295°
14-5	5		5	II	40°	92°	184°	273°
14-12	12	8	4	I	43°	90°		
14-15	15	14	1	I	17°	110°	155°	234°
14-18	18	18		I	15°	90°	180°	270°
14-19	19	19		I	30°	165°	315°	
16-8	8		8	II	54°	152°	180°	331°
16-23	23	22	1	I	158°	270°		
16-26	26	26		I	60°		275°	338°
16-99	23	21	2	I	66°	156°	223°	340°
18-11	11		11	II	62°	119°	241°	340°
18-30	30	29	1	I	180°	193°	285°	350°
18-32	32	32		I	85°	138°	222°	265°
20-16	16		16	II	238°	318°	333°	347°
20-24	24	24		I	70°	145°	215°	290°
20-27	27	27		I	72°	144°	216°	288°
20-39	39	37	2	I	63°	144°	252°	333°
20-41	41	41		I	45°	126°	225°	
22-21	21		21	II	16°	135°	175°	349°
22-32	32	32		I	72°	145°	215°	288°
22-41	41	27	14	I	39°	135°	264°	
22-55	55	55		I	30°	142°	226°	314°
24-61	61	61		I	90°	180°	270°	324°

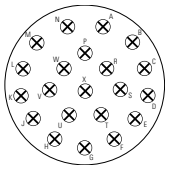
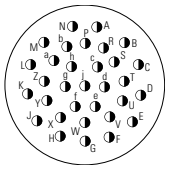
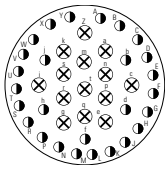
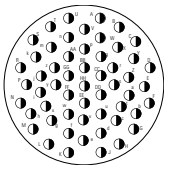
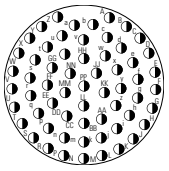
* Option is unavailable if left blank.

							
Arrangement	**8-2**	**8-3**	**8-4**	**10-6**	**10-98**	**12-3**	**12-8**
Service Rating	I	I	I	I	I	II	I
Number of Contacts	2 x #20	3 x #20	4 x #20	6 x #20	6 x #20	3 x #16	8 x #20

							
Arrangement	**12-10**	**14-5**	**14-12**	**14-15**	**14-18**	**14-19**	**16-8**
Service Rating	I	II	I	I	I	I	II
Number of Contacts	10 x #20	5 x #16	8 x #20 4 x #16	14 x #20 1 x #16	18 x #20	19 x #20	8 x #16

						
Arrangement	**16-23**	**16-26**	**16-99**	**18-11**	**18-30**	**18-32**
Service Rating	I	I	I	II	I	I
Number of Contacts	22 x #20 1 x #16	26 x #20	21 x #20 2 x #16	11 x #16	29 x #20 1 x #16	32 x #20

					
Arrangement	**20-16**	**20-24**	**20-27**	**20-39**	**20-41**
Service Rating	II	I	I	I	I
Number of Contacts	16 x #16	24 x #20	27 x #20	37 x #20 2 x #16	41 x #20

					
Arrangement	**22-21**	**22-32**	**22-41**	**22-55**	**24-61**
Service Rating	II	I	I	I	I
Number of Contacts	21 x #16	32 x #20	27 x #20 14 x #16	55 x #20	61 x #20

Contact Legend #16 ⊗ #20 ◑