

Layouts by Number of Contacts

STEP 1: Choose the shell size layout by number of contacts

Choose the contact arrangement from the layouts pictured on pages SK 6 and SK7 or the chart below. Layout designations include a letter prefix indicating the shell size. The coupling diameter of the shells are as follows: WK = 7/8" GK = 1-3/16" SK = 1-5/16" NK = 1-9/16" FK = 1-13/16" LK = 2-1/2"

Layout	Hot Products	CONTACTS								AMPS	Test Voltage 60 cps (ac rms)	Optional Rotations	
		Total	Sizes (max AWG wire gauge)										
			20*	16*	14	10	8	6	4				
WK-M2	✓	2		2						10	2350	W, X	
SK-S2		2							2	80	2050	-	
GK-V2		2			2					15	3450	-	
GK-C3		3			1				2	15/60	1300	V, X, Y	
NK-E3		3								80	2350	-	
WK-C3	✓	3		1		2				10/30	1300	W	
WK-3	✓	3			3					15	1700	V, W, X, Z	
WK-4	✓	4		4						10	1300	V, W, Z	
NK-P4		4							4	60	2350	W, X, Y, Z	
GK-4	✓	4				4				30	1300	-	
WK-S4		4		2		2				10/30	1300	W, Z	
WK-5	✓	5		5						10	1300	V, W, X, Y, Z	
SK-5		5				5				30	2050	-	
WK-S5		5		4		1				10/30	1300	-	
SK-6	✓	6				6				30	1700	W	
WK-6	✓	6		6						10	1300	V, W, X, Y, Z	
WK-A7	✓	7		7						10	1300	V, W, X, Y, Z	
GK-R7		7		5	2					10/15	3050 (7) 1300 (1-6)	V, X, Y	
SK-M7		7		3		4				10/30	2050	-	
NK-M8		8				8				30	2050	-	
WK-8	✓	8	8							5	2050	V, W, X, Y, Z	
NK-L8	✓	8			4		4			15/40	2050	V, X, Y	
GK-8		8			8					15	1300	-	
GK-S8	✓	8		4		4				10/30	1300	-	
NK-D8		8			8					15	2600	-	
GK-9	✓	9		9						10	1700	V, W, X, Y, Z	
SK-M10		10		8		2				10/30	2050	V, W, Z	
NK-L11	✓	11		1	8	2				10/15/30	2050	-	
GK-12	✓	12		12						10	1300	V, W, X, Y, Z	
NK-12		12		12						15	2050	V, W, X, Y, Z	
SK-D12		12		8		4				10/30	1300	W, X, Y	
NK-L15		15			15					15	1700	-	
SK-C16	✓	16		14		2				10/30	1300	W, X, Y, Z	
SK-19	✓	19		19						10	1300	W, X, Y, Z	
FK-L20		20		13		7				5	2050	-	
FK-W20	✓	20	Uses Coax contacts (sold separately)**								-	1000	-
NK-L23	✓	23		19	2	2				10/15/30	1300	-	
SK-24	✓	24	24							5	1700	-	
NK-27	✓	27		27						10	1300	V, W, X, Y, Z	
FK-32		32		32						10	2900 (1-2) 1700 (3-32)	-	
FK-37	✓	37		37						10	1300	V, W, X, Y, Z	
FK-46	✓	46		46						10	1300	V, W, X, Y, Z	
FK-75	✓	75	75							10	1300	W, X, Y, Z	
LK-81		81		81						10	1300	V, W, X, Y, Z	
LK-110		110	110							5	1000	V, W, X, Y, Z	

* Size 20 contacts are gold plated. Size 16 are standard silver plated, optional gold plated (add -A95 suffix to part number). All other sizes silver plated.

** Call for more information.

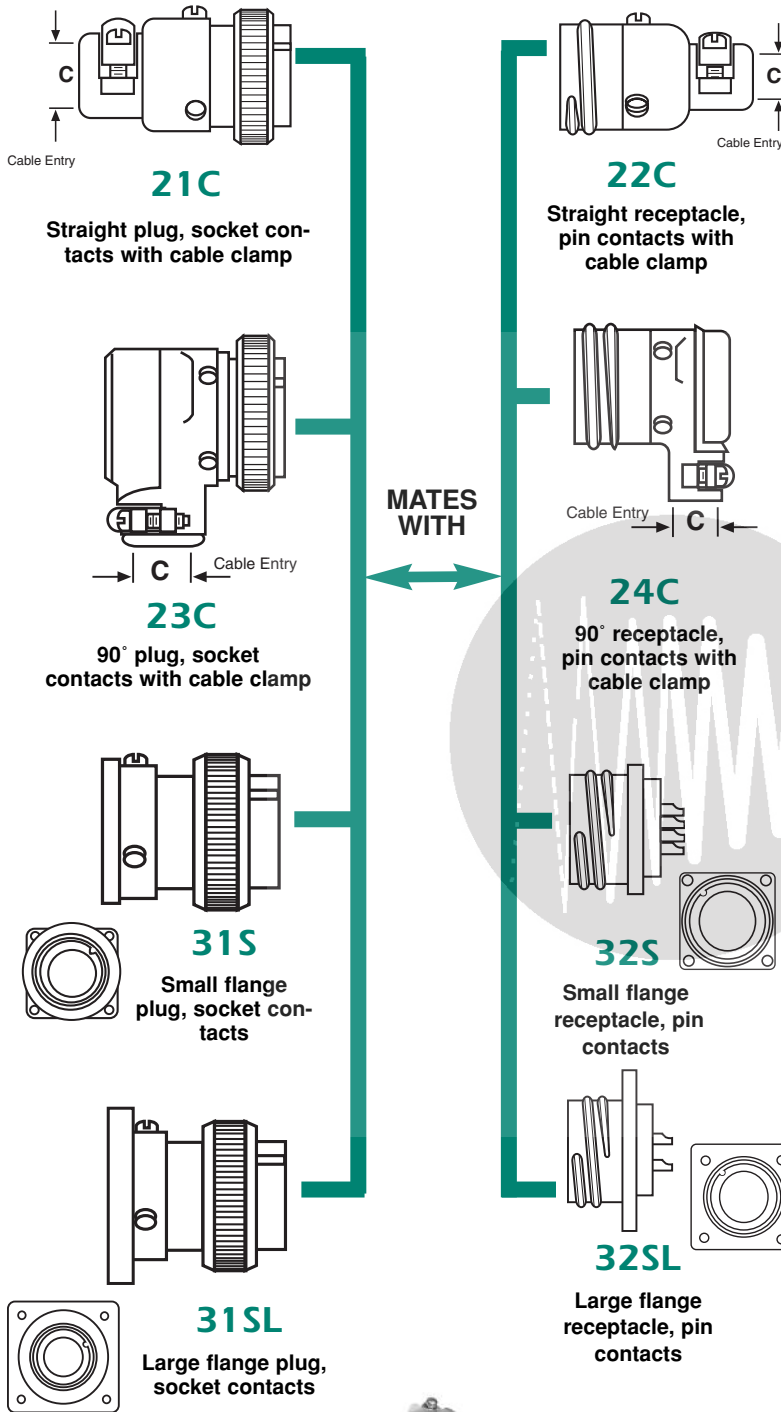
✓ Indicates most popular layouts.



**R*K Reverse
Standard K
Connector**

Please call.

STEP 2: Choose shell style



STEP 3: Choose cable clamp

(Insert the capacity in inches for standard clamps, insert the suffix code for straight sealed endbells).

Straight Endbells 21C/22C							
Dimension C: (Maximum cable clamp capacity)							
Inches	1/4	5/16	3/8	1/2	5/8	3/4	7/8 1 1-1/2
WK	✓	✓	✓	✓	✓		
GK				✓	✓		
SK				✓	✓	✓	
NK				✓	✓		
FK						✓	✓
LK							✓

Right Angle Endbells 23C/24C							
Dimension C: (Maximum cable clamp capacity)							
Inches	3/8	1/2	5/8	7/8	11/16	3/4	1
WK	✓		✓				
GK		✓	✓				
SK	✓	✓				✓	
NK					✓		✓
FK			✓	✓			
LK	Not available in 23C or 24C						

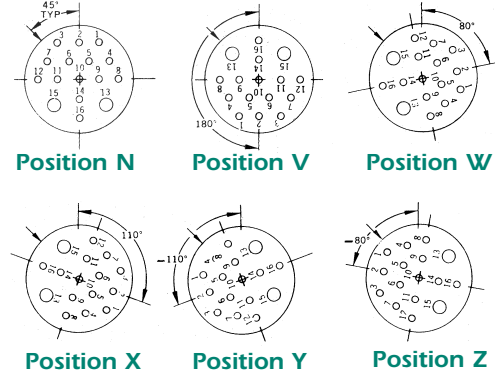
STEP 4: Optional rotations

Choose a rotation (omit this character for normal orientation). Refer to chart on [page 74](#) for rotations for your layout.

NOTES:

- Shell polarizing means is indicated by arrow at 45° and will remain constant regardless of insert rotation.
- Insert to be rotated within the shell to the required position as viewed from engaging end of pin insert, wire side of socket insert.
- Consult factory for alternate positions available for each layout or for alternate positions not shown.

See Note 1



STEP 5: Shell plating

omit - (for Clear Chromate over Cadmium)

EN - Electroless Nickel



STEP 6: Create part number

Create your ordering # by using the above 5 steps.

