

# MIL-DTL-83723 Series III Type Threaded and Bayonet Coupling Insert Arrangements and Keyway Positions

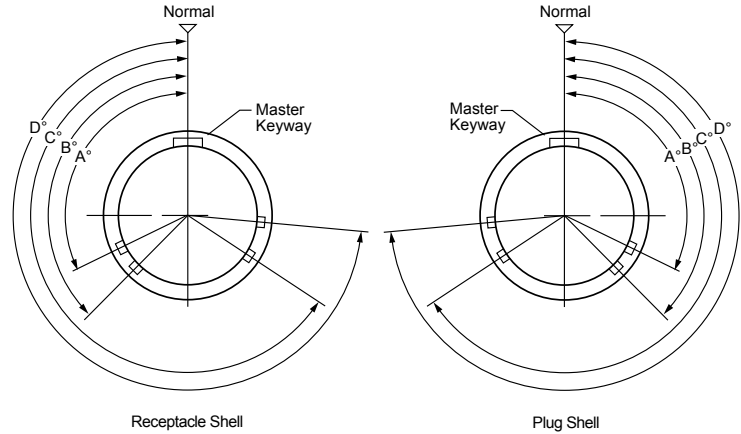


MIL-DTL-83723  
Type

E

Insert Arrangements					
Shell Size Designator	Insert Arrangement Dash Number	Service Rating	Contact Size and Quantity		
			20	16	12
08	08-02	I	2		
	08-03	I	3		
	08-98	I	3		
10	10-02	I	2		
	10-05	I	5		
	10-06	I	6		
	10-20	I		2	
12	12-03	I		3	
	12-12	I	12		
14	14-03*	I		3*	
	14-04	I			4
	14-07	I		7	
	14-12	I	9	3	
	14-15	I	15		
16	16-10	I		10	
	16-24	I	24		
18	18-08	I			8
	18-11*	I		11*	
	18-14	I		14	
	18-31	I	31		
	20-16	I		16	
20	20-25	I	19		6
	20-28	I	24		4
	20-39	I	37	2	
	20-41	I	41		
	22-12	I			12
22	22-19	I		19	
	22-32	I	26		6
	22-39	I	27	12	
	22-55	I	55		
	24-19	I			19
24	24-43	I	23	20	
	24-57	I	55		2
	24-61	I	61		

\*1 shielded.



Keyway Positions (Front Face of Pin Insert)					
Shell Size	Keyway Position	A°	B°	C°	D°
08 through 10	Normal	105°	140°	215°	265°
	6	102°	132°	248°	320°
	7	80°	118°	230°	312°
	8	35°	140°	205°	275°
	9	64°	155°	234°	304°
	Y or 10	25°	115°	220°	270°
12 through 24	Normal	105°	140°	215°	265°
	6	18°	149°	192°	259°
	7	92°	152°	222°	342°
	8	84°	152°	204°	334°
	9	24°	135°	199°	240°
	Y or 10	98°	152°	268°	338°

Y Position not available for shell size 8.  
Use "Y" when ordering military parts, "10" when ordering commercial parts