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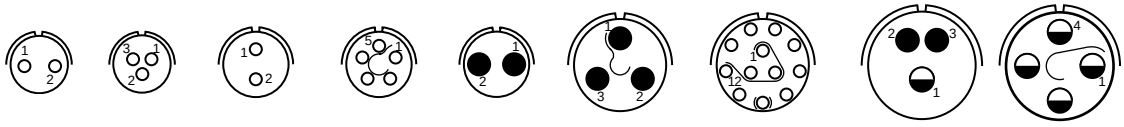
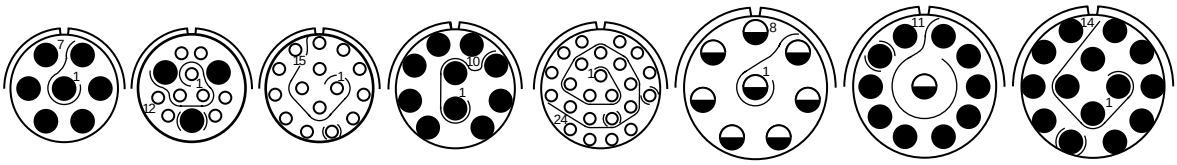
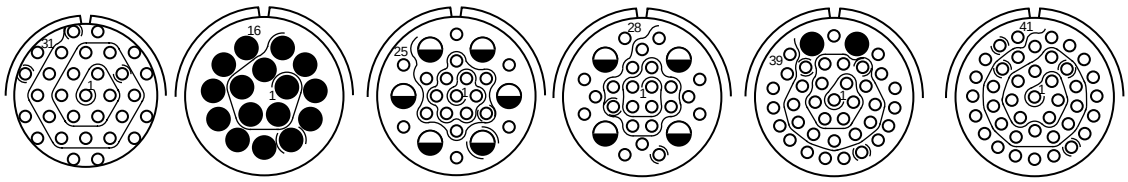
Front Face of Pin Insert or Rear Face of Socket Insert Illustrated
Contact cavities are identified with a spiral guide line indicating cavity sequence. The first and last cavities are numbered and every tenth cavity is bracketed.
Symmetrical about center line.



Insert Arrangement	08-02	08-03 H	10-02**	10-05H	10-20H	12-03KH	12-12H	14-03		14-04K
Service Rating	I	I	I	I	I	I	I	I		I
Number of Contacts	2	3	2	5	2	3	12	2	1	4
Contact Size	20	20	20	20	16	16	20	16	12 Shielded Coaxial	12



Insert Arrangement	14-07KH	14-12		14-15KH	16-10KH	16-24KH	18-08KH	18-11		18-14KH
Service Rating	I	I		I	I	I	I	1		I
Number of Contacts	7	9	3	15	10	24	8	10	1	14
Contact Size	16	20	16	20	16	20	12	16	12 Shielded Coaxial	16



Insert Arrangement	18-31KH	20-16	20-25		20-28**		20-39		20-41
Service Rating	I	I	I		I		I		I
Number of Contacts	31	16	19	6	24	4	37	2	41
Contact Size	20	16	20	12	20	12	20	16	20

† designates Non-MS Configurations.
K designates Firewall Class K inserts.
H designates Hermetic inserts.

CONTACT LEGEND ○ 20 ● 16 ◒ 12

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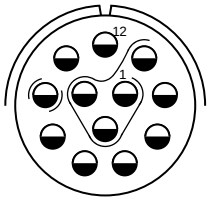
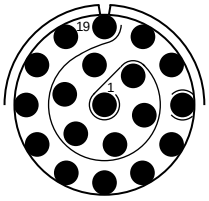
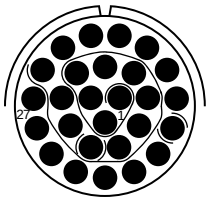
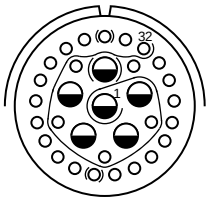
Front Face of Pin Insert or Rear Face of Socket Insert Illustrated

Contact cavities are identified with a spiral guide line indicating cavity sequence. The first and last cavities are numbered and every tenth cavity is bracketed. Symmetrical about centerline.

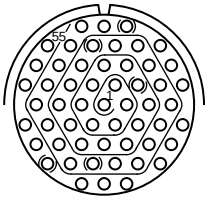


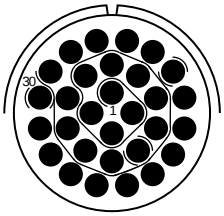


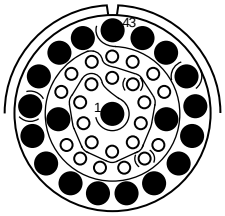


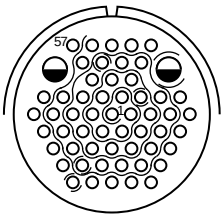


Insert Arrangement	22-12[K]	22-19[KH]	22-27†	22-32
Service Rating	I	I	I	I
Number of Contacts	12	19	27	26 6
Contact Size	12	16	16	20 12

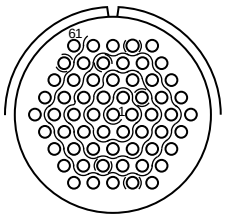


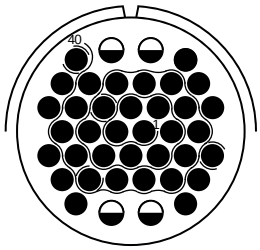


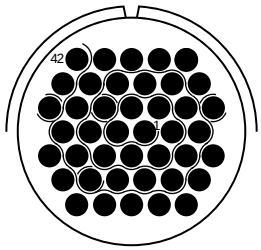




Insert Arrangement	22-55[KH]	24-30†[K]	24-43**	24-57
Service Rating	I	I	I	I
Number of Contacts	55	30	23 20	55 2
Contact Size	20	16	20 16	20 12







Insert Arrangement	24-61	28-40†[K]	28-42†[K]
Service Rating	I	I	I
Number of Contacts	61	36 4	42
Contact Size	20	16 12	16

† designates Non-MS Configurations.
K designates Firewall Class K inserts.
H designates Hermetic inserts.

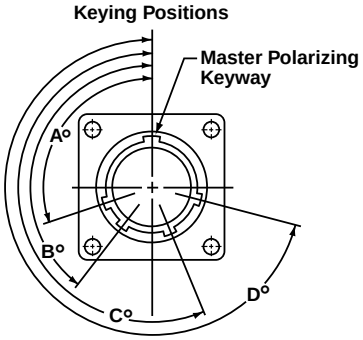
CONTACT LEGEND 20 ○ **16** ● **12** ◒

Alternate Keying Positions of Shells

ALTERNATE POLARITY KEYWAY ARRANGEMENTS (Shell sizes 12, 14, 16, 18, 20, 22, 24, 28) View of front face of receptacle shell. Angles are counter-clockwise from "N" keyway. For plug shell, the key locations are clockwise when viewed from front of plug.

Position	For Connectors Size 8 and 10				For Connectors Size 12, 14, 16, 18, 20, 22, 24 and 28			
	A	B	C	D	A	B	C	D
Normal	105°	140°	215°	265°	105°	140°	215°	265°
6	102°	132°	248°	320°	18°	149°	192°	259°
7	80°	118°	230°	312°	92°	152°	222°	342°
8	35°	140°	205°	275°	84°	152°	204°	334°
9	64°	155°	234°	304°	24°	135°	199°	240°
Y or 10*	25°	115°	220°	270°	98°	152°	268°	338°

* Y is used for all Military part number call-outs - aluminum/stainless steel and firewall; 10 is used for Amphenol/Pyle part number call-outs - aluminum/stainless steel only. (See how to order pages 207, 208 and 218).



Shown is Engaging Face View of Receptacle Shell with Keyways (Plug Shell Keys would be Opposite)

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