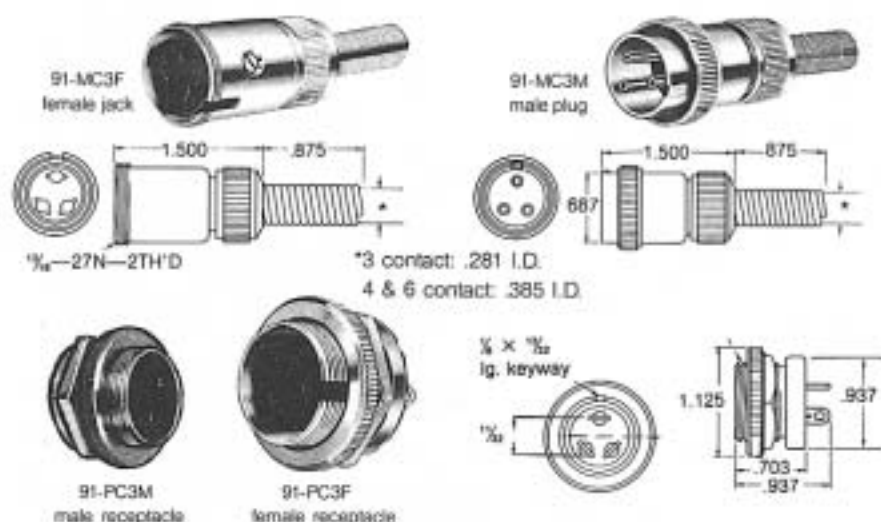


microphone connectors

3, 4 or 6 Contacts

The connectors are designed primarily for audio equipment but are used extensively on all types of portable equipment.

Connectors feature positive screw-type coupling ring connection and squeeze type clamp cable grips.



SPECIFICATIONS

Shells	Chrome plated brass
Dielectric	molded black phenolic
Voltage rating	600 V (RMS)
Current rating	female contacts - 3 amps male contacts - 5 amps
Voltage breakdown (RMS) between terminal and ground	2000 V
Cord protector spring	3 contact - .281" (.714) I.D. 4-6 contact - .385" (.978) I.D.
Receptacle mounting hole	7/32" (21.44) up to 1/4" (3.18) thick

THREADED COUPLING - 3, 4, or 6 CONTACTS

No. Contacts	Description	WPI Number	Mates With WPI Number
3	Female Cable Jack	91-MC3F	91-MC3M
3	Female Cable Plug	91-MC3F1	91-MC3M1, 91-PC3M
3	Male Cable Plug	91-MC3M	91-MC3F, 91-PC3F
3	Male Cable Jack	91-MC3M1	91-MC3F1
3	Female Panel Receptacle	91-PC3F	91-MC3M
3	Male Panel Receptacle	91-PC3M	91-MC3F1
4	Female Cable Jack	91-MC4F	91-MC4M
4	Female Cable Plug	91-MC4F1	91-MC4M1, 91-PC4M
4	Male Cable Plug	91-MC4M	91-MC4F, 91-PC4F
4	Contact #1 in Line with Key	91-MC4M-12	—
4	Male Cable Jack	91-MC4M1	91-MC4F1
4	Female Panel Receptacle	91-PC4F	91-MC4M
4	Contact #1 in Line with Key	91-PC4F-12	—
4	Male Panel Receptacle	91-PC4M	91-MC4F1
6	Female Cable Jack	91-MC6F	91-MC6M
6	Female Cable Plug	91-MC6F1	91-PC6M
6	Male Cable Plug	91-MC6M	91-MC6F, 91-PC6F
6	Female Panel Receptacle	91-PC6F	91-MC6M
6	Male Panel Receptacle	91-PC6M	91-MC6F1
—	Cap & Chain for Receptacle	91-CCC3	—
—	Female Insert	91-3F	—
—	Male Insert	91-3M	—

Single Contact

Standard type. Chrome plated machined brass with threaded coupling. Receptacles mount in .385" (9.78) holes when grounded; .500" (12.70) holes for ungrounded two circuit operation. Spring cord protection for 1/4" (6.35) cable.



SINGLE CONTACT

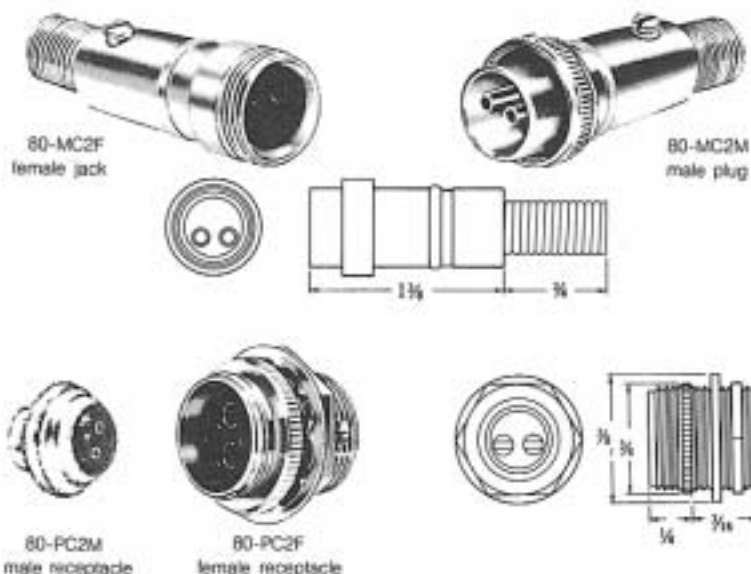
Description	WPI Number
Straight Plug	80-75-MC1F
Cable Jack	80-75-MC1M
Cap & Chain	80-75-CCC1



microphone connectors continued

Single and Double Contact

Chrome plated machined brass shells with threaded coupling and black phenolic dielectric. For shielded cables, single and two conductor cables, etc. Mounting hole $\frac{5}{16}$ " (15.88). Maximum chassis thickness for lock nut type receptacle: $1\frac{1}{32}$ " (8.74). Cable dia: up to $\frac{5}{16}$ " (7.92).



SPECIFICATIONS

Voltage/current rating - single contact:	Male - 1250 V, 5 amps Female - 1000 V, 3 amps
Double contact:	Male - 600 V, 3 amps Female - 600 V, 3 amps
Voltage breakdown between terminals and ground	Single contact male - 4000 V Female - 3000 V Double contact male - 2000 V Female - 2000 V

THREADED COUPLING - 1 or 2 CONTACTS

Contacts	Description	WPI Number	Mates With
1	Male Cable Plug	80-M	80-C
1	Female Panel Receptacle	80-C	80-M
2	Male Cable Plug	80-MC2M	80-MC2F or 80-PC2F
2	Female Cable Plug	80-MC2F1	80-PC2M or 80-MC2M1
2	Female Cable Jack	80-MC2F	80-MC2M
2	Male Cable Jack	80-MC2M1	80-MC2F1
2	Female Panel Receptacle	80-PC2F	80-MC2M
2	Male Panel Receptacle	80-PC2M	80-MC2F1
-	Female Insert	80-2F	-
-	Male Insert	80-2M	-
-	Cap & Chain for Receptacle	80-75-CCC1	-

Miniature Connectors

Compact connectors for shielded or unshielded cables. Can be used for battery antenna or microphone applications

SPECIFICATIONS

Shells	Cadmium plated brass
Dielectric	Black phenolic
Cable diameter	up to $\frac{1}{4}$ " (6.35)
Voltage rating	500 V, 3 amps



CABLE SOCKETS

No. Contacts	Sockets $\frac{13}{16}$ " Long Shell	Mating Plugs $\frac{13}{16}$ " Long Shell
3	91-MPF3S	91-MPM3S
4	91-MPF4S	91-MPM4S
5	91-MPF5S	91-MPM5S
6	91-MPF6S	91-MPM6S

CABLE PLUGS

No. Contacts	Plugs $\frac{13}{16}$ " Long Shell	Mating Socket	
		Cable Socket $\frac{13}{16}$ " Shell	Chassis Unshielded
3	91-MPM3S	91-MPF3S	78-S3S
4	91-MPM4S	91-MPF4S	-
5	91-MPM5S	91-MPF5S	-
6	91-MPM6S	91-MPF6S	78-S6S



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