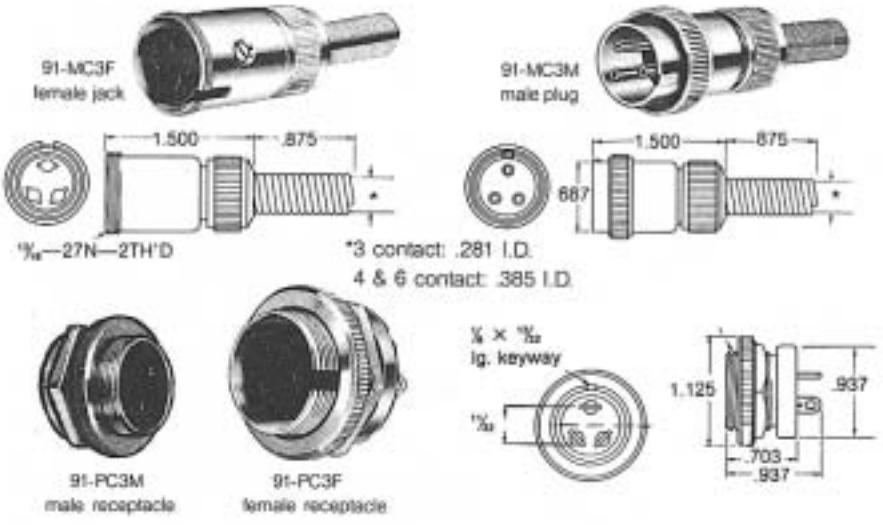
microphone connectors

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" (7.14) I.D. 4-6 contact - .385" (9.78) I.D.
Receptacle mounting hole	27/32" (21.44) up to ⅛" (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

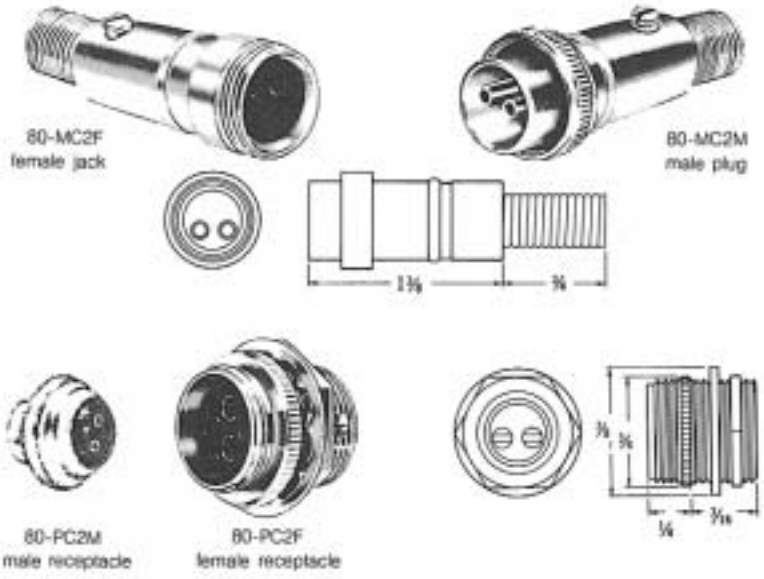
Description	WPI Number
Straight Plug	**80-75-MC1F**
Cable Jack	**80-75-MC1M**
Cap & Chain	**80-75-CCC1**

WPI - Salem Division
23 Front Street, Salem, NJ 08079 U.S.A.
phone (609) 935-7601
fax (609) 935-0102 twx (510) 680-4750
country code 1

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 5/8" (15.88). Maximum chassis thickness for lock nut type receptacle: 1 11/32" (8.74). Cable dia: up to 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


91-MPF3S socket


91-MPM3S plug

SPECIFICATIONS

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

CABLE SOCKETS

No. Contacts	Sockets 13/16" Long Shell	Mating Plugs 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 13/16" Long Shell	Mating Socket	
		Cable Socket 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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