

TINI Q-G® MINIATURE CONNECTORS

- Series TA(*)F, TA(*)FB, TA(*)FL and TA(*)FLB** - Straight female cord plug
Series TA(*)M, TA(*)MB, TA(*)ML and TA(*)MLB - Straight male cord plug
Series TB(*)M and TB(*)MB - Chassis/panel mount male receptacle
Series TY(*)F and TY(*)FPC - Chassis/panel, female receptacle, choice of solder lugs or P.C. terminations.
Series TLP - Looping Plugs
Series TBA(*) - Audio Adapters
Series TRA(*)M - PC Mount Male Receptacles

MICROPHONES

Ideal for live performances, recording sessions, and audio pickups. Available in black chrome finish for use on camera or where reflected light is a problem. Disconnecting plugs from lavaliers or clip-on mikes is quick and easy...press the release button and pull the plug free. Either shielded or unshielded cables can be used up to 0.115 inches (2.92 mm) in diameter (standard). Cable shield may either be connected to a pin/contact through circuit or may be connected to the cable clamp strain relief. This alternate connection permits using the metal housings of plugs to completely shield internal connections and pins/contacts.

DESIGN FEATURES

STYLE - Streamlined, miniaturized with nickel-plated metal and contrasting black plastic parts. Designed for light weight and unobtrusiveness. Also available in conductive black chrome finish.

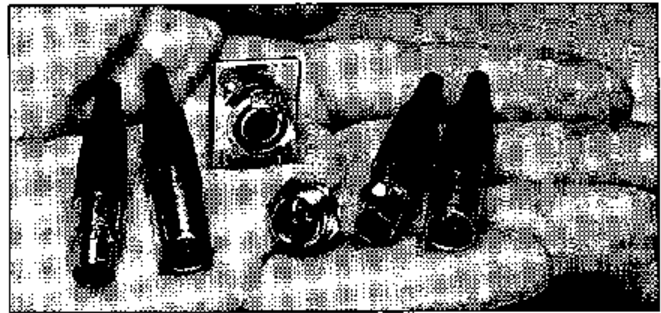
CONSTRUCTION - Metal parts are rugged die-cast or precision machined with nickel-plating; plastic parts are molded of high dimensional-stability thermoplastic. Advanced design assures minimum weight consistent with strength and durability of cord plug housings of .413 inch (10.5 mm) diameter. Weight: Series TA(*)F plug = .25 ounce (7 g); Series TA(*)M = .3 ounce (8.5 g).

INSERTS - Precision molded of thermoplastic for high mechanical and dielectric strength. Contacts and terminals are precision formed and plated for intimate contact and low resistance connections. Terminal numbers are molded on rear of male insert and on face of female insert for easy identification (except 6-pin male insert). Inserts can be supplied for OEM installation in microphones and instrumentation for optimum connecting reliability. For cord plugs, inserts can also be supplied for replacements.

LATCHLOCK - Positive latch system assures high integrity, vibration-resistant mating and transfer of shielding connection between housing, combined with simple, easy fingertip release.

STRAIN RELIEF - Rugged internal clamp holds cable tightly, while making a secure, low resistance connection between cable shield and housing.

FLEX RELIEF - Protects by minimizing cable bending stress at point of cable entry. Maximum recommended cable diameter is .115 inch (2.92 mm) when flex relief is used. By omitting flex relief (Series T(*)FL and T(*)ML only), cable up to .170 inch (4.32 mm) diameter can be used.

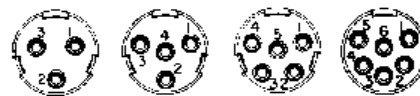


Receptacle Series	Panel Mounting		Termination	
	Front	Rear	P.C.	Solder
TB(*)M	X		X ¹	X
TY(*)F	X	X		X
TY(*)FPC	X	X	X	
TRA(*)M		X	X	

¹ P.C. board termination is recommended alternate method

INSTRUMENTATION

Tini Q-G® plugs and receptacles have the quality and versatility of functions and features for the most demanding compact connections in industrial, R and D and production instrumentation of all kinds. The 4, 5, and 6-pin/contact versions are especially suited to multi-circuit connections.



ASSEMBLY - Connector parts are mechanically keyed for simple assembly.

POLARIZATION - Mating male and female connectors are also mechanically keyed (latch and groove) so that it is impossible to mate them incorrectly.

"SCOOP-PROOF" FEATURE - Fully recessed pins on male plugs and receptacles cannot be "scooped", bent or damaged by accidental mismatching with mating connector.

COLOR ESCUTCHEONS - Attractive color escutcheons, Series TYEF, are recommended for use with Series TY(*)F and TY(*)FPC receptacles (when rear mounted) for attractive panel trim, as well as color coding one or more connectors. Colors are: red, black, gray, green, blue, white and yellow.

CUSTOM Tini Q-G® CABLE ASSEMBLIES

On special order where production quantities warrant, Switchcraft can supply assembled and tested Tini Q-G® cables.

MOUNTING**Panel/Chassis Thickness:**

Series TB(*)M: .25 inch (6.35 mm) maximum

Series TY(*)F:

Front—.375 inch (9.5 mm) maximum

Rear—.093 inch (2.3 mm) maximum

Series TY(*)FPC:

Front—.312 inch (7.9 mm) maximum

Rear—.093 inch (2.3 mm) maximum

DIMENSIONS ARE FOR REFERENCE ONLY

Inch
(mm)

NOTE: Contact your Switchcraft Representative for price and delivery.