

MS/Standard Cylindrical, cont.

GT Series, Reverse Bayonet

Reference Catalog 12-024.



APPLICATION	STANDARDS/ REQUIREMENTS	COUPLING/ MOUNTING	CONTACT TERMINATION	PERFORMANCE ENVIRON./ELECT.
<p>GT Series Heavy duty, rugged connector, environmentally resistant. Preferred connector for mass transit. Also used in mil-aero applications such as military vehicles.</p>	<p>Utilizes MIL-C-5015 inserts. UL recognized. Intermateable with VG95234 connectors.</p>	<p>Reverse bayonet coupling (quick mating, audible, visual and tactile full mating indicators). Rated to 2000 couplings min. No lockwiring required.</p>	<p>Crimp or solder termination.</p>	<p>Operating temp. from -55°C to +125°C. With Viton inserts: -50°C to +200°C. Resilient inserts provide high dielectric strength and moisture barrier. IP67 performance in environmental versions. Resilient rubber covers provide higher shock and vibration capabilities. Operating voltage to 3000 VAC (RMS) at sea level.</p>

OPTIONAL FEATURES

- Over 40 varieties of shell styles and backend accessory combinations.
- Optional insert materials: Neoprene, Viton*, or low smoke/flame retardant.
- Variety of conductive and non-conductive platings including non-cadmium.
- Resilient cover coupling nuts available for added damage protection and increased gripping surface.
- Many contact types are available, including both gold and silver plating, and alternate crimp barrel sizes.

MARKETS

- Rail/Mass Transportation
- Power Generation, Petro-Chemical
- Heavy Equipment, Geophysical
- Power and Control Lighting Trusses
- Military Vehicles

GT-PC Series for High Power Applications

Reference Catalog 12-024



APPLICATION	STANDARDS/ REQUIREMENTS	COUPLING/ MOUNTING	CONTACT TERMINATION	PERFORMANCE ENVIRON./ELECT.
<p>GT-PC Series Same standard features as the GT series, but with "Dead Front" pin contacts, size 0, recessed into the socket insert. Provides higher amperage capability and operator safety by preventing inadvertent contact with a live contact.</p>	<p>UL recognized. Currently available with 5 insert patterns incorporating size 0 contacts.</p>	<p>Reverse bayonet coupling (quick mating, audible, visual and tactile full mating indicators). Rated to 2000 couplings min. No lockwiring required.</p>	<p>Crimp termination.</p>	<p>Same performance as GT series, but special "Dead Front" recessed contacts provide higher amperage levels - up to 100 amps per contact. These special contacts also prevent accidental electrical shocks to technicians. "First Mate/"Last Break" features on one or more of the pins provide additional operator safety.</p>

OPTIONAL FEATURES

- Same shell styles offered as in standard GT series family.
- Currently 5 insert patterns available.
- Wide selection of backend accessories available.

MARKETS

- High Voltage Power Distribution

GTC-M Series - The GT with Metal Clip Inserts

Reference Catalog 12-024. Reference Product Data Sheet 181.



APPLICATION	STANDARDS/ REQUIREMENTS	COUPLING/ MOUNTING	CONTACT TERMINATION	PERFORMANCE ENVIRON./ELECT.
<p>GTC-M Series Combines the GT reverse bayonet shell and the rear release metal clip retention system which is used in the Amphenol®/Matrix® MIL-C-5015 connector. Provides easier insertion/removal of contacts and improved environmental sealing.</p>	<p>Intermateable and inter-mountable with standard GT series.</p>	<p>Reverse bayonet coupling (quick mating, audible, visual and tactile full mating indicators). Rated to 2000 couplings min. No lockwiring required. Captivated coupling nut assembly allows unmating without the rear accessories attached.</p>	<p>Crimp or solder termination.</p>	<p>Operating temp. from -55°C to +200°C. Completely environmentally sealed with contact seals, gaskets, wire seals and insert-to-shell seals. IP67 rating for environmental sealing. Operating voltage to 3000 VAC (RMS) at sea level.</p>

OPTIONAL FEATURES

- 7 shell styles offered with all insert patterns available from standard GT series family.
- Wide selection of backend accessories available.

MARKETS

- Mass Transportation
- Power Generation, Petro-Chemical
- Heavy Equipment, Geophysical