

Miniature Cylindrical, cont.

Pyle/Matrix MIL-C-83723 Series III, Threaded & Quick Disconnect Push Pull

Reference Catalog MS-102 for Pyle Series.
Reference Catalog 12-073 for Matrix Series.



APPLICATION	STANDARDS/ REQUIREMENTS	COUPLING/ MOUNTING	CONTACT TERMINATION	PERFORMANCE ENVIRON./ELECT.
<p>High performance, environmental resistant.</p> <p><u>Military styles M83723/82-/87</u> included in both Pyle and Matrix.</p> <p>M83723/91, /92 and /95, /96 and /66-/69 non-firewall are Matrix only.</p> <p><u>BT, BJ, BN</u> - Pyle threaded designations.</p> <p><u>MT</u> - Matrix threaded designations.</p> <p><u>MQ</u> - Matrix quick disconnect designations.</p>	<p>MS versions meet or exceed MIL-C-83723, Series III.</p>	<p>Threaded coupling.</p> <p>Other styles: /95, /96 - Pyle and Matrix plugs are threaded with a special self-locking clutch design.</p> <p>/66-/69 (Matrix only) are Quick Disconnect plugs with push-pull coupling.</p>	<p>Crimp rear insertable, rear releasable contact termination.</p>	<p>Operating temp. from -65°C to +200°C.</p> <p>IP67 rating for environmental sealing.</p> <p>MIL-C-83723/95, /-96 unique threaded coupling with self-locking clutch plate provides greater resistance to decoupling than coupling during vibration.</p> <p>Operating voltage to 1500 VAC (RMS) at sea level.</p>

OPTIONAL FEATURES

- 4 shell styles with 29 insert patterns in Pyle Series and 34 insert patterns in Matrix Series.
- Aluminum or stainless steel (see firewall 83723 on next page) shells with options of conductive finish electroless nickel or olive drab, cadmium finishes.
- Hermetics available in Pyle Series.
- Twinax and thermocouple contacts are available in Pyle Series.
- Threaded unique design with self-locking clutch plate is available in both Pyle and Matrix Series. This design offers higher vibration features and eliminates safety wiring.
- Matrix Series includes Push-pull Quick Disconnect plugs w/without lanyards.
- Matrix Series includes threaded plugs with RFI grounding.
- Pyle Series includes threaded Non-Decoupling plug styles. (See Engine Connectors on page 21).

MARKETS

- Military Aerospace
- Commercial Aircraft
- Military Vehicles

Matrix MIL-C-83723 Series III, Bayonet

Reference Catalog 12-073



APPLICATION	STANDARDS/ REQUIREMENTS	COUPLING/ MOUNTING	CONTACT TERMINATION	PERFORMANCE ENVIRON./ELECT.
<p>High performance, environmental resistant.</p> <p><u>Military styles: M83723/71-/78</u></p> <p><u>MB</u>- Matrix bayonet designations.</p>	<p>MS versions meet or exceed MIL-C-83723, Series III.</p>	<p>Bayonet coupling.</p>	<p>Crimp rear insertable, rear releasable contact termination.</p>	<p>Operating temp. from -65°C to +200°C.</p> <p>IP67 rating for environmental sealing.</p> <p>Operating voltage to 1500 VAC (RMS) at sea level.</p>

OPTIONAL FEATURES

- 4 shell styles. 29 insert patterns available in Pyle versions, 34 insert patterns available in Matrix versions.
- Aluminum or stainless steel shells with options of conductive finish electroless nickel or olive drab, cadmium finishes.
- Twinax and thermocouple contacts are available in Pyle Series.
- Matrix Series includes bayonet plugs with RFI grounding

MARKETS

- Military Aerospace
- Commercial Aircraft
- Military Vehicles