JAM-FREE LAUNCHING

AS81703 Series 3 Type Lanyard Connectors

Ideal for high shock / high vibration environments including military space and defense applications such as missile and space payload deployment, the AS81703 provides jam-free, push-on, pull-off operation. Glenair’s AS81703 Series 3 type connector series is intermateable and intermountable with currently available AS81703 mil-spec and commercial connectors, and offers several enhancements to the standard design: an integrated band porch for shield termination, 360° saw teeth for rear-end accessory clocking, and a red full-mate indicator stripe. The AS81703 Series 3 type connector is ideally suited for droppable stores, umbilical connect, air launch to orbit, and other extreme vibration and shock environments where rugged and reliable lanyard-release and push-pull mating is a must. Nineteen contact arrangements are available, including hybrid signal/power layouts, and a full complement of backshells and connector accessories is offered—with Glenair’s high availability and quick delivery.

- Intermateable and intermountable with available AS81703 connectors
- Signal, power, and high-speed shielded contact arrangements
- Reliable fail-safe axial-pull lanyard equipped coupling
- Instant disconnect for critical quick-release systems
- Available integrated band porch for easy shield termination
- 360° saw teeth for accessory clocking
- Red full-mate indicator stripe
- Blind mate and rack-and-panel versions available
- Available backshells and accessories IAW AS81703
- Polarization keying for mis-mate prevention
SPACE-GRADE
Lanyard-Release Quick-Disconnect Connectors

How To Order SuperNine® 233-216 MIL-DTL-38999 Type

<table>
<thead>
<tr>
<th>Sample Part Number</th>
<th>233-216</th>
<th>-G6</th>
<th>ME</th>
<th>25-35</th>
<th>S</th>
<th>A</th>
<th>E</th>
<th>-4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Series / Basic Part No.</td>
<td>233-216 = Lanyard Release Plug</td>
<td></td>
<td></td>
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<tr>
<td>Connector Style</td>
<td>G6 = Plug with EMI Spring</td>
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</tbody>
</table>
| Finish | ZL = Cres, Electrodeposited Nickel  
G6 = Plugs with EMI Spring |
| Size and Arrangement | ME = Al Alloy, Eletroless Nickel |
| Contact Type | P = Pin  
S = Socket; 500 cycles |
| Alternate Key Position | A, B, C, D, E, N = Normal  
(Per MIL-DTL-38999 Series III) |
| Lanyard Length Code | See Lanyard Length Table |
| Connector Type | 4 = Type 4 (shown below, no accessory threads)  
6 = Type 6 (not shown, includes accessory threads) |

How To Order 253-020 AS81703* Type Push-Pull Lanyard Release

<table>
<thead>
<tr>
<th>Sample Part Number</th>
<th>253-020</th>
<th>-08</th>
<th>ME</th>
<th>25-35</th>
<th>S</th>
<th>N</th>
<th>812</th>
</tr>
</thead>
<tbody>
<tr>
<td>Series / Basic Part No.</td>
<td>253-020 = AS81703 Type</td>
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<tr>
<td>Connector Style</td>
<td>08 = Push-Pull Layard-Release Plug</td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>
| Finish | ZL = Cres, Electrodeposited Nickel  
G6 = Plugs with EMI Spring |
| Size and Arrangement | ME = Al Alloy, Eletroless Nickel |
| Contact Type | P = Pin  
S = Socket |
| Alternate Key Position | N, W, X, Y, B, C |
| Lanyard Ring Mod Code | 812 = Lanyard ring rotated 90° from master keyway  
Omit for standard ring |

*The MIL-C-81703 standard was superseded by SAE-AS81703 10-December 2010 per Navair