

CIRCULAR SUBMINIATURE

**COMPACT. RELIABLE. BUILT FOR
MISSION CRITICAL**

Circular Subminiature connectors offer compact, lightweight, and reliable military/aerospace performance for mission-critical, space-constrained environments



MICRO

- Wide range of terminations & mounting styles
- MIL-DTL-83513 compliant for mission-critical use
- Multiple shell sizes & contact arrangements
- Threaded, Bayonet & Breakaway options
- Rugged, reliable performance in harsh environments



NANO

- Ultra-compact footprint for space-constrained designs
- MIL-DTL-32139 compliant stamped pin technology
- High-density board-level I/O optimization
- Configurable latching and polarization hardware
- Lightweight aluminum or titanium shell options
- Rugged construction for extreme avionics environments



0.025" SPACING
**50%
SMALLER**
THAN STANDARD
MICRO-D

SIMPLIFIED PART NUMBER BUILDER

Build your Circular Subminiature configuration in 5 easy steps:

NC08	L	-	N	04	P	-	XXX																																
SERIES	INSERT MATERIAL		SHELL FINISH	SIZE	GENDER		TERMINATION OPTIONS																																
C Circular Micro NC Circular Nano + 05 Plastic 08 Metal T9 Thread Lock L9 Bayonet Lock 19 Breakaway 39 Panel Mount	L Liquid Crystal Polymer (LCP) R Polyphenylene Sulfide (PPS) <i>Contact factory for full range of plating options</i>		N Electroless Nickel S Stainless Steel <i>Contact factory for full range of plating options</i>	<table border="1"> <thead> <tr> <th colspan="2">Micro</th> <th colspan="2">Nano</th> </tr> </thead> <tbody> <tr> <td>03</td> <td>16</td> <td>04</td> <td>22</td> </tr> <tr> <td>04</td> <td>19</td> <td>06</td> <td>28</td> </tr> <tr> <td>05</td> <td>22</td> <td>07</td> <td>31</td> </tr> <tr> <td>07</td> <td>27</td> <td>10</td> <td>37</td> </tr> <tr> <td>10</td> <td>39</td> <td>11</td> <td>39</td> </tr> <tr> <td>12</td> <td></td> <td>16</td> <td>44</td> </tr> <tr> <td></td> <td></td> <td>19</td> <td>55</td> </tr> </tbody> </table>	Micro		Nano		03	16	04	22	04	19	06	28	05	22	07	31	07	27	10	37	10	39	11	39	12		16	44			19	55	P Plug S Receptacle		SR Strain relief OR O-ring BXXX Overmould WXXX Wire options
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CUSTOM OPTIONS AVAILABLE

- Wire Lengths
- Space Grade Configurations
- Mounting Styles
- Hardware & Polarization
- Engineering Support

Amphenol CANADA
MILITARY & AEROSPACE



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