



MIL-DTL-24749 TYPE IV Ground Straps

for Navy shipboard applications

Ground straps utilized in shipboard applications are subject to grueling environmental conditions: wet, cold, salt water spray, and caustic hydraulic fluids. Conventional copper braid/ copper lug ground straps corrode, and become a source of electrical resistance problems in these harsh environments.

Glenair MIL-DTL-24749 Rev B Type IV ground straps solve these corrosion and electrical resistance problems with a unique 50% Stainless Steel 316L / 50% Nickel 200 36AWG blend braid, and passivated Stainless Steel lugs. These US Navy-approved ground straps are qualified to the rigorous standards of M24749, and are tested beyond the mil-spec to survive 1000 hours salt spray. Allowed usages for Type IV straps can be found in MIL-STD-1310H.



Glenair MIL-DTL-24749 Rev. B Type IV Stainless Steel/Nickel Ground Straps: US Navy qualified and tested to survive extreme environments

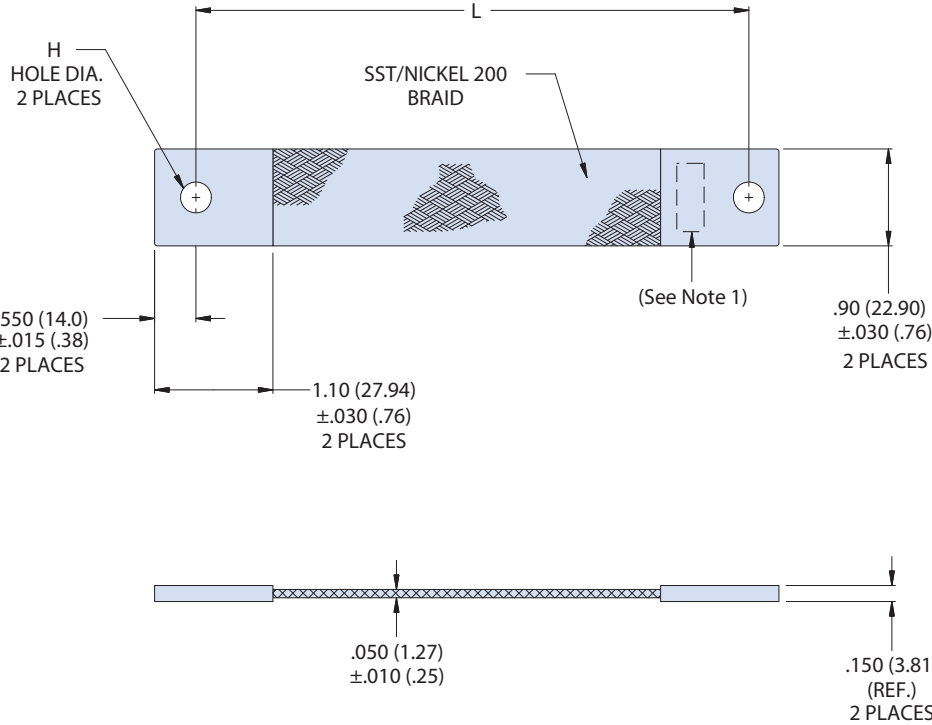
- Meets the rigorous specifications of MIL-DTL-24749 Rev. B
- Tested to survive 1000 hours salt spray
- Unique Stainless Steel/ Nickel hybrid braid
- Available in six standard configurations, with non-standard length/ lug size configurations available

For more information contact Glenair at 818-247-6000 or visit our website at www.glenair.com U.S. CAGE code 06324

MIL-DTL-24749 REV B TYPE IV Stainless Steel/Nickel Ground Straps



How To Order					
Sample Part Number	MS24749	-IV	-B	-L	-H
Product Series	MIL-DTL-24749 Rev. B Type IV bond strap				
Bond Strap Type	IV = Flat CRES 316 / Nickel 200 braid with mounting lugs				
Standard Size Code	A = 6.0" length; .90" width, .406 H dia. D = 6.0" length; .90" width, .282 H dia. B = 12.0" length, .90" width, .406 H dia. E = 12.0" length, .90" width, .282 H dia. C = 18.0" length, .90" width, .406 H dia. F = 18.0" length, .90" width, .282 H dia. N = for non-standard sizes				
Non-Standard Length	Non-Standard length in inches (omit for standard sizes)				
Hole Diameter	Non-Standard diameter in inches (omit for standard sizes)				



- NOTES**
1. Lugs are ink stamped or electro-etched per M24749 Rev B. Minimum character height shall be .06 (1.52)
 2. Metric dimensions (mm) indicated in parentheses
 3. Codes A – F are standard lengths. To order non-standard straps, omit Standard Size Code and enter length (in inches) in part number.

MATERIAL/FINISH

Lugs - 316L Stainless Steel/Passivate
Braid - 316L Stainless Steel 36 AWG, 50%; 200 Nickel 36 AWG, 50%

