

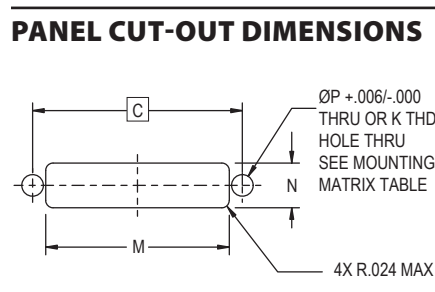
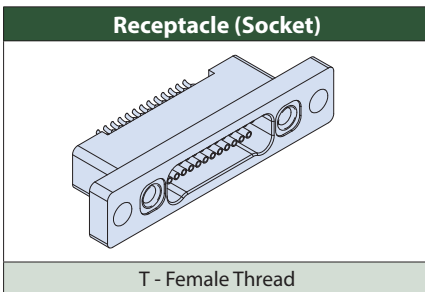
Front Panel Mount, Straddle Mount Connectors feature gold alloy TwistPin contacts, offering premium performance and reliability for demanding applications. Available with female threads for use with flexible circuits.

Choose Aluminum, Titanium or Stainless Steel Shells in eleven layouts from 9 to 85 contacts. MIL-DTL-32139 type connectors are intermateable with any corresponding Glenair Series 891 Dual row metal shell nanominiature connector.

Pre-Tinned PC Tails are coated with Sn63Pb37 or Sn60Pb40 tin-lead for excellent solderability.

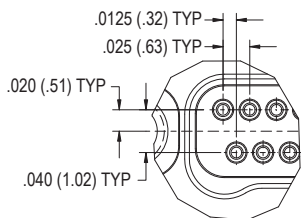
| How to Order | | | | | | | | | |
|--|--|--|--|-------------|-----------|-------------|----------|----------|--|
| Sample Part Number | | | 891-051 | -25S | A2 | -STM | T | C | |
| Series | 891-051 Receptacle, Straddle Mount | | | | | | | | |
| Insert Arrangement/Contact Type | Sockets (Receptacle): 9S, 15S, 21S, 25S, 31S, 37S, 41S, 51S, 65S, 69S, 85S | | | | | | | | |
| Shell Material and Finish | A1 - Aluminum Shell, Cadmium Plating T - Titanium Shell, Unplated | | A2 - Aluminum Shell, Electroless Nickel Plating S - Stainless Steel Shell, Passivated | | | | | | |
| Termination Type | STM - Straddle Mount | | | | | | | | |
| Hardware | T - Female Thread (#0-80 for size 9-69, #2-56 for size 85) | | | | | | | | |
| Mounting Hole Option | C - Clearance Hole T - Female Thread | | | | | | | | |

D

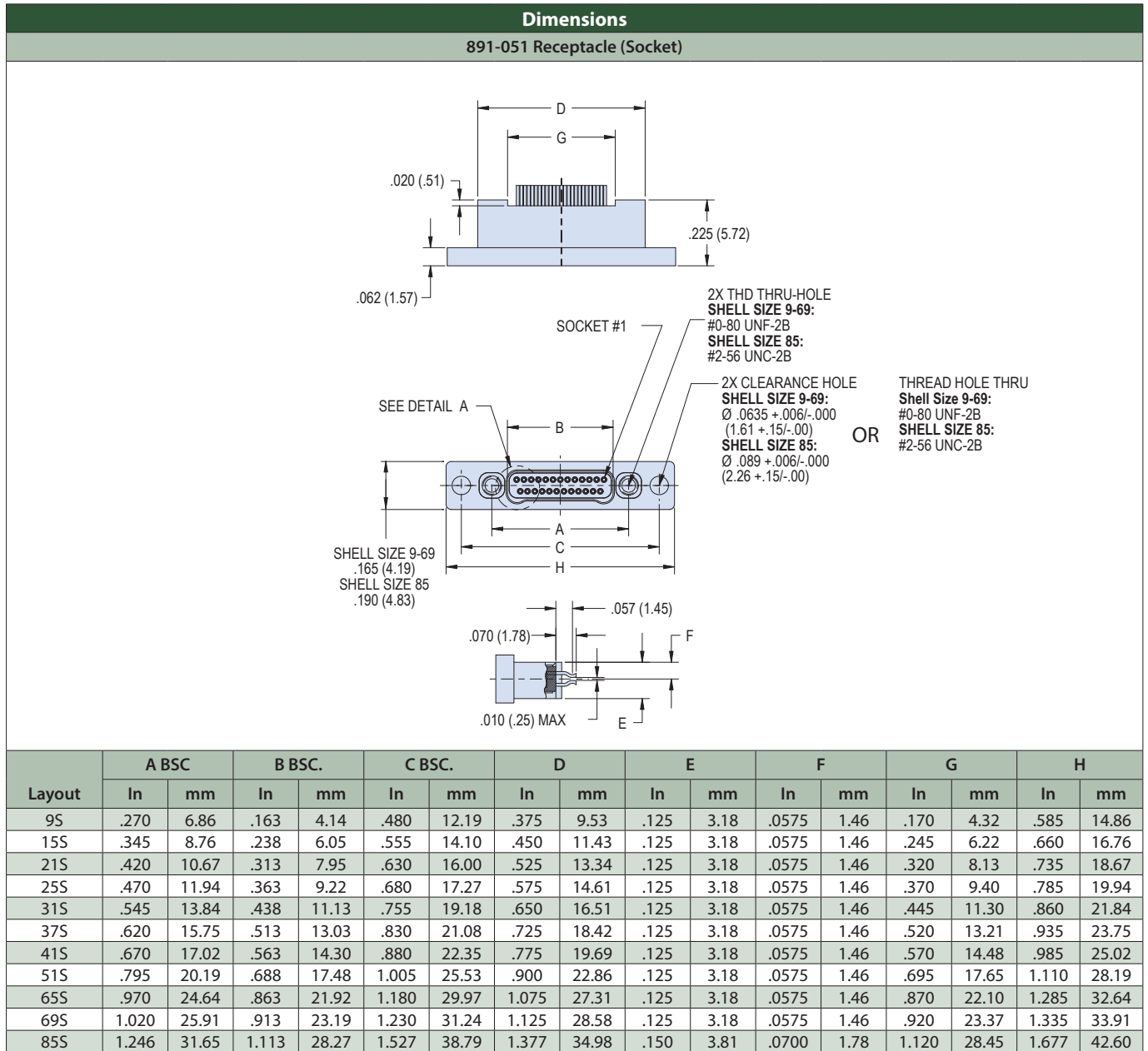


| Panel Mount Connector Mounting Matrix | | |
|---------------------------------------|-------------|--|
| Connector Holes | Panel Holes | Mounting Location |
| Tapped | Clearance | Rear Panel Mount |
| Clearance | Tapped | Front Panel Mount |
| Clearance | Clearance | Front or Rear Panel Mount with screw and nut |

DETAIL A



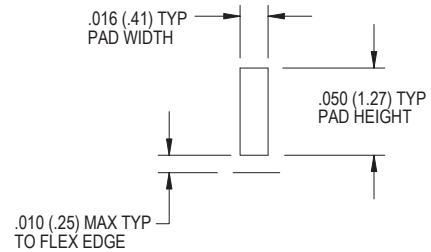
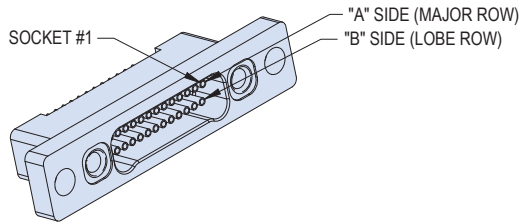
| Shell Size | C | K | M | N | P |
|------------|---------------|--------------|---------------|-------------|-------------|
| 9 | .480 (12.19) | #0-80 UNF-2B | .395 (10.03) | .145 (3.68) | .070 (1.78) |
| 15 | .555 (14.10) | #0-80 UNF-2B | .470 (11.94) | | |
| 21 | .630 (16.00) | #0-80 UNF-2B | .545 (13.84) | | |
| 25 | .680 (17.27) | #0-80 UNF-2B | .595 (15.11) | | |
| 31 | .755 (19.17) | #0-80 UNF-2B | .670 (17.02) | | |
| 37 | .830 (21.08) | #0-80 UNF-2B | .745 (18.92) | | |
| 41 | .880 (22.35) | #0-80 UNF-2B | .795 (20.19) | | |
| 51 | 1.005 (25.53) | #0-80 UNF-2B | .920 (23.37) | | |
| 65 | 1.180 (29.97) | #0-80 UNF-2B | 1.095 (27.81) | | |
| 69 | 1.230 (31.24) | #0-80 UNF-2B | 1.145 (29.08) | | |
| 85 | 1.527 (38.79) | #2-56 UNC-2B | 1.397 (35.48) | .170 (4.31) | .096 (2.44) |



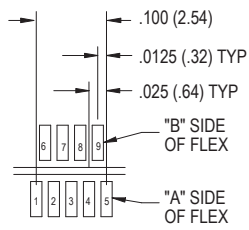
NOTES

- Inspect and Test IAW MIL-DTL-32139
- Interface dimensions per MIL-DTL-32139/4
- Panel cutout is sized to allow connector mounting with either lobe up or down orientation.
- Connector may be mounted to front or back of panel depending on selected mount hole option
- Recommended panel thickness: .100 (2.54)
- Material and Finish
 - Shell: see part number break down
 - insulator: LCP/N/A
 - Contacts: gold alloy / unplated
 - Wire: see part number break down
 - Jacking hardware: see part number break down

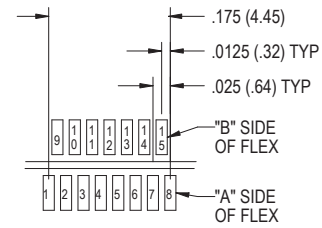




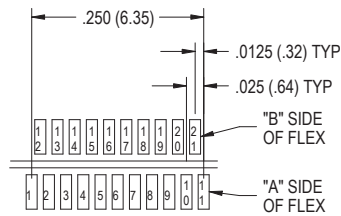
PAD FOOTPRINT DETAIL



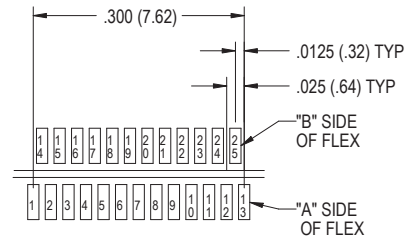
9 Contacts



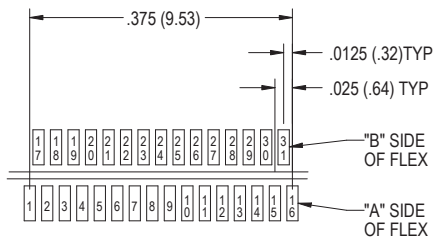
15 Contacts



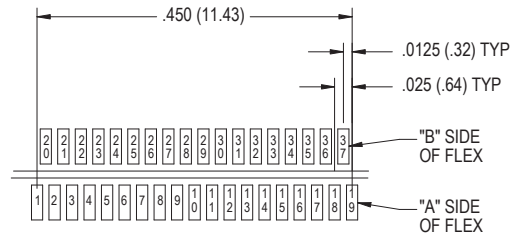
21 Contacts



25 Contacts

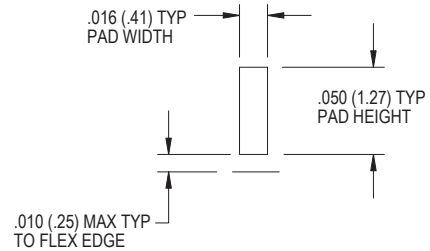
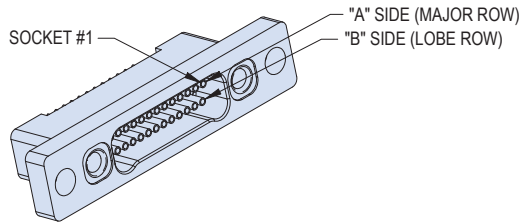


31 Contacts

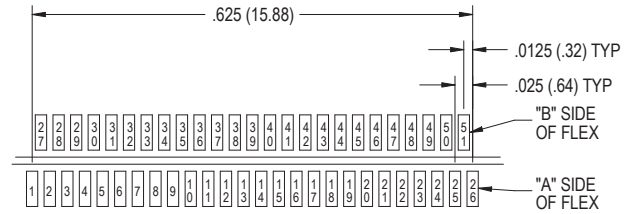
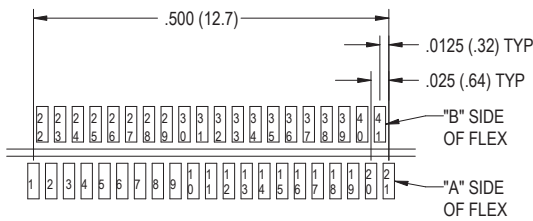


37 Contacts

D

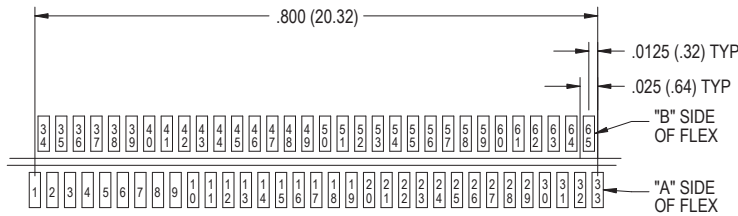


PAD FOOTPRINT DETAIL

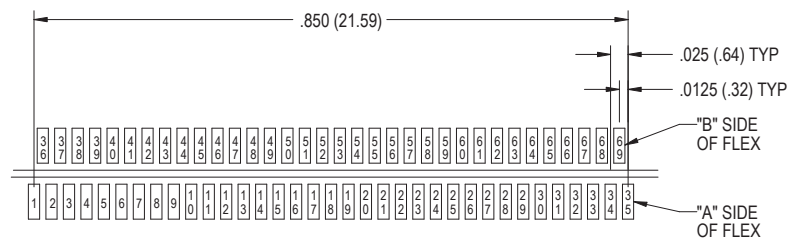


41 Contacts

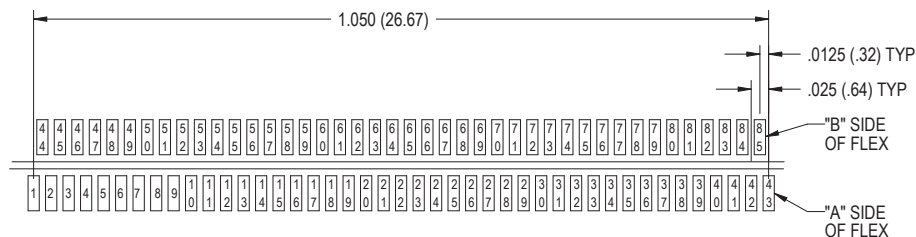
51 Contacts



65 Contacts



69 Contacts



85 Contacts

