

A GLENAIR SIGNATURE

High-Rel
Cable
Assembly



CRITICAL COMPONENT



Space-grade EMI shield
termination backshells for
satellite wire harnesses

The International Space Station
Photo: NASA



Space-Grade Shrink Boots
GTS 4123: heat-shrinkable
fluoropolymer alloy shrink boots
for operating temperature range
-50°C to 175°C

Circular and rectangular backshells
and connector accessories: corrosion
resistance, weight reduction,
environmental durability, and design
innovation for space harness applications



The Glenair Qwik-Clamp connector accessories shown here are used on the International Space Station. The gold-plated circular part is extremely resistant to space corrosion and radiation. Both styles are designed with smooth surfaces to eliminate potential damage to space suits.

- High-performance connector accessories for every environmental, mechanical, and electromagnetic shielding requirement
- NASA, ESA, and JAXA screened and qualified to AS85049, SSQ 21635, 21636, 22698, 22681, and other standards
- Modern designs for bus applications, line cards, instrument panels, and non-circular bundles
- Lightweight composite materials available
- Removable-entry solutions with split shells and integrated banding platforms

MICRO-D AND D-SUBMINIATURE Backshells for Space Applications, Circular and Rectangular



NASA · ESA · CSA · JAXA

COMPOSITE DESIGN INNOVATION RADICALLY REDUCES INTERCONNECT SYSTEM WEIGHT



Band-in-a-Can backshell



Swing-Arm with banding insert



Mighty Mouse composite

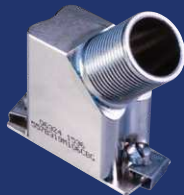


Isolated conductive ground path

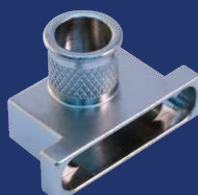
SPACE-GRADE MICRO-D AND D-SUBMINIATURE BACKSHELLS AND ACCESSORY HARDWARE



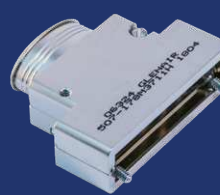
Single, dual, and triple entry



Angled entry



Side entry

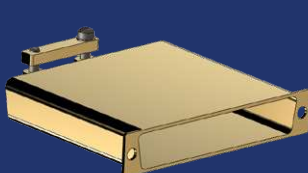


Elliptical entry

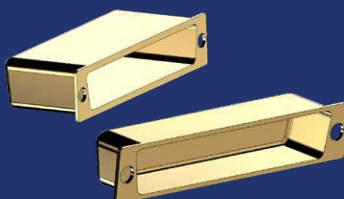


Composite split shell

ESCC TYPE FOR MIL-DTL-24308 D-SUB ESA APPLICATIONS IAW ESCC 3401/072



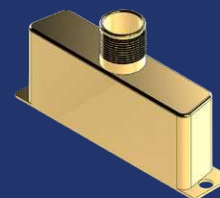
Strain Relief IAW ESCC 3401/072,
Type Variants 05, 06, 07, 08, 09,
and 72



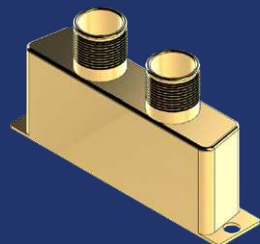
Shorting Cans IAW ESCC
3401/072, Type Variants
10, 11, 12, 13, 14, 73 /
61, 62, 63, 64, 65, 80



90° EMI/RFI Banding Backshell
IAW ESCC 3401/072,
Type Variants 25, 26, 27, 28, 29,
30, 31, 32, 33, 34, and 76



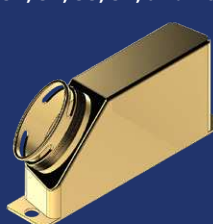
Straight EMI/RFI Banding IAW
ESCC 3401/072, Type Variants
35, 36, 37, 38, 39 and 77



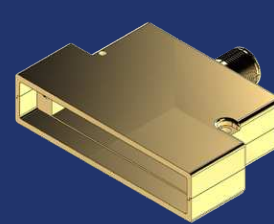
Dual Entry IAW ESCC 3401/072,
40 Type Variant



Elliptical Entry IAW
ESCC 3401/072, Type Variants
46, 47, 48, 49, 50, and 78



45° Elliptical IAW ESCC 3401/072,
Type Variants 51, 52, 53, 54, 55,
56, 57, 58, 59, 60, and 79

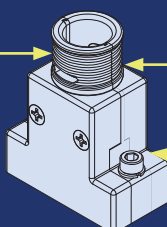


Straight IAW ESCC 3401/072,
Type Variants 15, 16, 17, 18, 19,
20, 21, 22, 23, 24, 74, and 75

REMOVABLE-ENTRY AND CABLE CLAMP BACKSHELLS: 557-652 AND 557-653

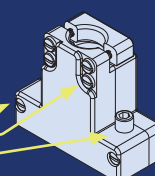
Removable round cable
entry banding version

Removable
entry with anti-
rotation feature
remains captive
during assembly



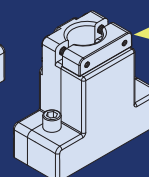
Tongue-and-groove
split-shell design
for superior
EMC performance and
ease-of-assembly

All captive hardware—no FOD—
even when backshell is split



Cable clamp
version

Ultra
low-profile
cable clamp
design



B
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