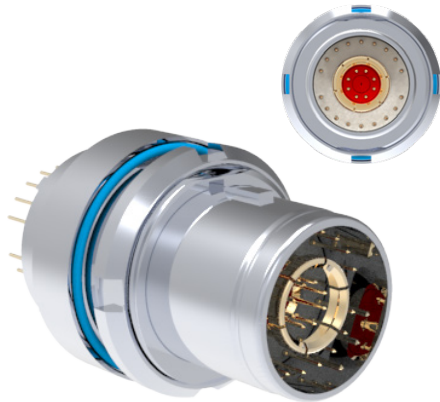# 882-021 PC Tail, Panel Mount Plug, Push-Pull QDC Coupling

HDMI 2.0 and DisplayPort 1.2. Ultraminiature. Rear panel mount. PCB connector.

882-021 SuperFly Datalink plugs have one El Ochito® octaxial contact ringed by eighteen discrete pin contacts. Attach to .125" (3.17 mm) maximum thickness panel with spanner nut. PC tail contacts are gold plated or solder dipped in 63/37 tin-lead. Contacts are epoxy-sealed and are non-removable. Fluorosilicone O-rings for water-tight seal. *Mates to 882-020 and 882-022.*

SIZE AND WEIGHT SAVING
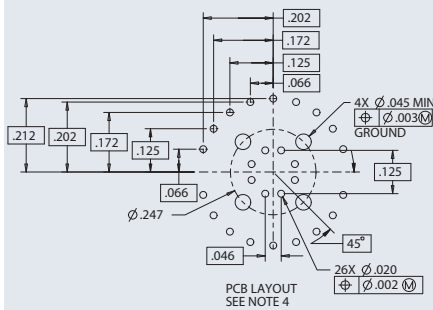- .805 inch (20.45 mm.) diameter

HIGH SPEED
- HDMI and DisplayPort
- El Ochito® Technology

HARSH ENVIRONMENT
- EMI protection
- Water ingress
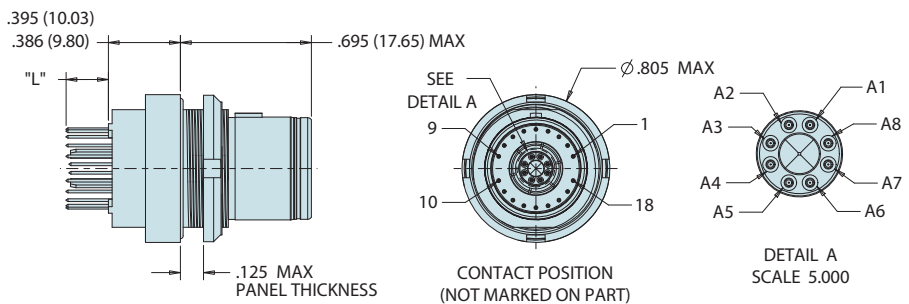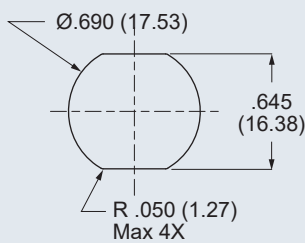- Shock and vibration

Recommended PC Board Layout

.202
.172
.125
.066

4X Ø .045 MIN
⊕ Ø .003 Ⓜ
GROUND

.212 .202 .172 .125

.125

.066

Ø .247

45°

.046

26X Ø .020
⊕ Ø .002 Ⓜ

PCB LAYOUT
SEE NOTE 4

for optimal performance, see Glenair application note AN0002

How To Order PCB Plugs for HDMI and DisplayPort

Sample Part Number		882-021	- Z2	S	-.080
Product	882-021 = Panel Mount PC Tail Plug				
Shell Finish	**M** = Electroless Nickel (aluminum shell) **MT** = Nickel-PTFE (aluminum shell) **ZR** = Black Zinc-Nickel (aluminum shell) **Z2** = Gold (aluminum shell) **ZMT** = Nickel-PTFE (stainless steel shell)				
PC Tail Finish	**S** = Solder dip, 63/37 tin-lead **G** = Gold				
PC Tail Length	**.080** = .080" (2.03 mm.) **.125** = .125" (3.18 mm.) **.175** = .175" (4.45 mm.) **.200** = 200" (5.08 mm.)				

Recommended Panel Cutout

Ø .690 (17.53)

.645 (16.38)

R .050 (1.27) Max 4X

.395 (10.03)
.386 (9.80)

"L"

.695 (17.65) MAX

.125 MAX PANEL THICKNESS

SEE DETAIL A

Ø .805 MAX

9   1
10   18

CONTACT POSITION (NOT MARKED ON PART)

A2   A1
A3   A8
A4   A7
A5   A6

DETAIL A
SCALE 5.000

Specifications
- **Operating temp.:** -65° to +175°C
- **Impedance:** 100 ohms
- **DWV:** 500 Vrms unmated
- **Current Rating:** 1.5 A
- **IR:** 1000 MΩ min.
- **Durability:** 2000 mating cycles
- **Ingress protection:** IP67

Construction
- **Shell, jam-nut:** aluminum alloy or SST
- **Insulators:** low-dielectric material
- **Contacts:** copper alloy, 50 microinches gold over nickel plating
- **O-rings:** fluorosilicone blend
- **Potting:** epoxy

Spanner Nut Tightening Tool
Nickel-plated tool steel alloy, ¼" sq. drive
23 - 28 in.-lbs. recommended torque

1.00 (25.4)

600-272-A