

882-020 Cable Receptacle, Push-Pull QDC Coupling



HDMI 2.0 and DisplayPort 1.2. Ultraminiature. High performance. 882-020 SuperFly Datalink connectors have one El Ochito® octaxial contact ringed by eighteen discrete socket contacts. Compatible with aerospace-grade cable. Supplied as an unassembled kit. Terminate wires to contacts with crimp tool. 882-020 receptacles feature push-pull mating and demating and are IP67 rated in the mated condition. Gold-plated EMI spring for low shell-to-shell resistance. Fluorosilicone O-rings for water-tight seal. Braided cable shield terminates to connector banding platform. **Mates to 882-019 and 882-021 receptacles.**

- SIZE AND WEIGHT SAVING**
- .710 inch (18.03 mm.) diameter
 - Integral banding platform
 - High density contacts
- HIGH SPEED**
- HDMI and DisplayPort
 - El Ochito® Technology
- HARSH ENVIRONMENT**
- EMI protection
 - Shock and vibration
 - Temperature extremes
 - Corrosion resistance

How To Order Cable Receptacle			
Sample Part Number	882-020	-M	-01
Series	882-020 = Cable Receptacle		
Shell Material and Finish	M = Aluminum / Electroless Nickel MT = Aluminum / Nickel-PTFE ZR = Aluminum / Black Zinc-Nickel Z2 = Aluminum / Aluminum Gold Z1 = Stainless Steel / Nickel-PTFE		
Cable Dash No. (See Table I)	-01, -02		

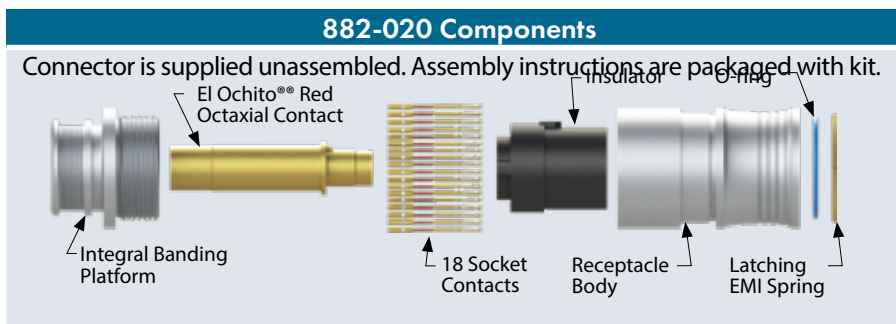
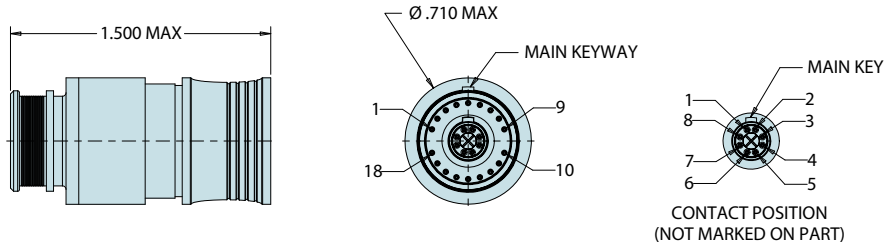


Table I: Cable Accommodated

Dash No	Cable Part No.	Ref Cable O.D.
-01	963-120	.350 - .404 (8.89 - 10.26)
-02	963-127	.337-.415 (8.56 - 10.54)



Specifications

- Operating temp.:** -65° to +175°C
- Impedance:** 100 ohms
- DWV:** 500 Vrms unmatd
- Current Rating:** 1.5 A
- IR:** 1000 MΩ min at 500 VAC.
- Durability:** 2000 mating cycles

Construction

- Shell, backshell:** aluminum alloy or stainless steel
- Insulators:** rigid dielectric
- Contacts:** gold plated, copper alloy
 - 858-030 octaxial contact
 - 857-309 signal contact
- Shield sleeve:** copper alloy/N.A.

963-120 Dash No.

Dash 1	Duraelectric Light -65°C to +200°C, O.D. .404 (10.26)
Dash 2	LSZH Polyurethane -40°C to +90°C, O.D. .372 (9.45)
Dash 3	FEP -65°C to +200°C, O.D. .350 (8.89)

963-127 Dash No.

Dash 1	Duraelectric Light -65°C to +200°C, O.D. .415 (10.54)
Dash 2	LSZH Polyurethane -40°C to +90°C, O.D. .359 (9.12)
Dash 3	FEP -65°C to +200°C, O.D. .337 (8.56)

Crimp Tools

Hand Crimp Tool
809-015
 (M22520/2-01)

Positioner for Hand Crimp Tool
859-101
 (K1906)