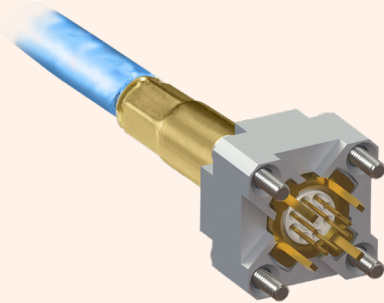


## El Ochito® PCB Transition Adapters 858-025



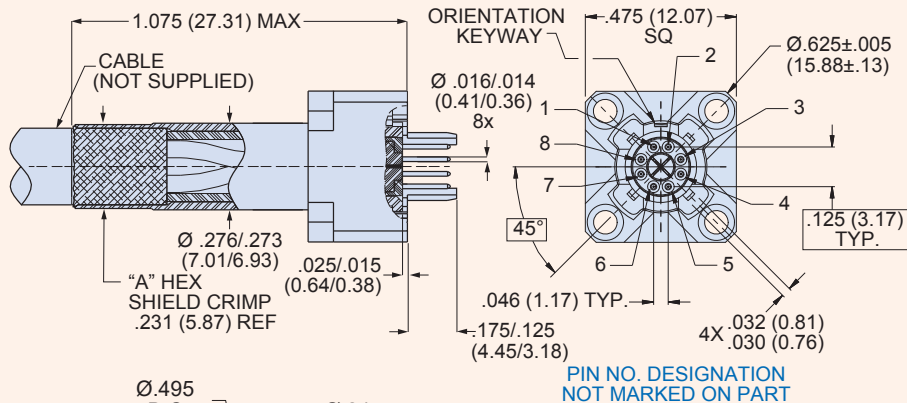
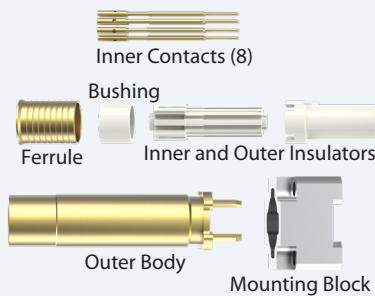
Launch controlled impedance signals with El Ochito® transition adapters. Accepts 90 ohm USB 3.0 cable or 100 ohm Category 6A Ethernet cable. Supplied as unassembled kit with (8) inner contacts, inner and outer insulators, bushing, outer body, crimp ferrule and mounting block. Terminate inner contacts and cable shield with crimp tools sold separately. Attach mounting block to circuit board with #0-80 screws and 059-0007-1 threaded inserts, sold separately.

### 858-025 El Ochito® PCB Transition Adapters

Dash No.	Color	Cables Accomodated	Protocols/Impedance	Ref Cable O.D.	"A" Hex	Assembly Instructions
-01	White	963-033-26	Ethernet (100 OHM Nominal)	.220 (5.59)	.231	AI85145
-02	Blue	963-110	USB 3.0 (90 ±15 OHM)	.237 (6.02)	.255	AI85146
-03	Red	963-122-X	High-Speed (100 ±15 OHM)	.299 (7.59)	.231	AI85147

### 858-025 Components

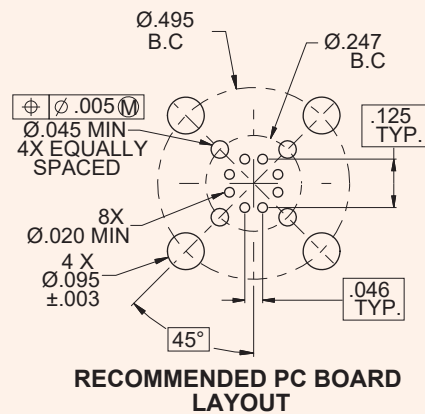
Supplied as Unassembled Kit



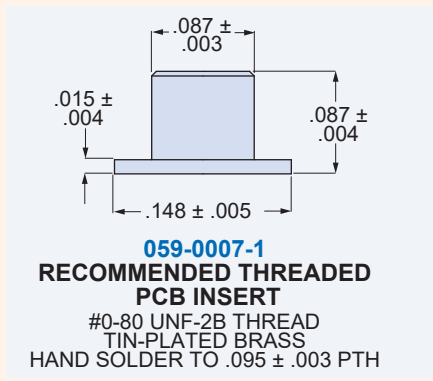
### Technical Data

#### Specifications

- Operating temperature:**  
El Ochito® White: -65 to +175°C  
El Ochito® Blue and Red: -65 to +125°C
- Impedance:**  
El Ochito® White and Red: 100 ohms  
El Ochito® Blue: 90 ohms
- Dielectric withstanding voltage:**  
500 Vrms
- Current Rating:** 1.5 A
- Insulation resistance:** 5000 megohms min. @ 200 Vdc



See Glenair application Note AN0002 for optimal performance



#### Construction

- Inner contacts, outer body, ferrule:** copper alloy, 50 microinches gold over nickel plating
- Insulators, bushing:** thermoplastic
- Mounting block:** aluminum, electroless nickel plating

### Inner Contact Crimp Tools



**809-015**  
(M22520/2-01)



**859-101**  
(K1906)

### Shield-Ferrule Crimp Tools



**809-129**  
(M22520/5-01)



**858-186 for -02 (N/A)**  
**859-007 for -01 & -03**  
(M22520/5-45)