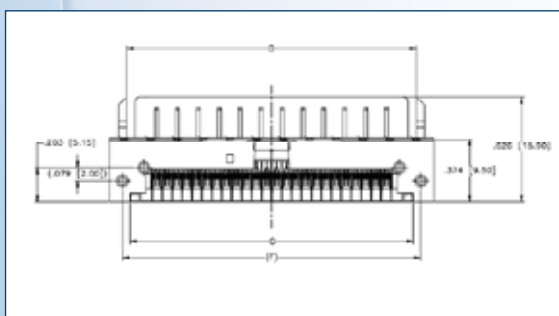


HIGH SPEED CONNECTORS



INFINITY

**Mechanical Characteristics**

Insertion force: 55.5 N maximum (for 4X version)

Withdrawal force: 6.1 N typical (for 4X version)

Durability: 250 mating cycles

Coplanarity: 0.1mm

Electrical Characteristics

Impedance: 90 – 100 Ω

Rise time for impedance measurement: 70 ps

Within pair skew: 5 ps

Return Loss: Meets SFF8470 spec

LLCR: 80 m Ω max

Insulation Resistance: 10 G Ω at 100 VDC

DWV: 100 VRMS for 60 seconds

Materials

Contacts:

- Base material – Copper alloy Plating
- Mating area – refer to p/n table
- Solder tails – refer to p/n table

Shell:

- Base material – Zinc alloy #3
- Plating – 100 μ ” Nickel plated

Housings: Black color, glass-reinforced,
lead-free solder reflow process compatible
thermoplastic, UL94V-0 rated

Temperature rise: Meets the requirement of 30°C ΔT

Operating temperature -40° to +85°C

Storage temperature -40° to +85°C

Part Numbers :

Part number	Description
U65B044010	Infinity 4X connector
U65B044010T	Infinity 4X connector
U65B044020T	Receptacle
U65B044060	Infinity 4X connector
U65B044060T	Receptacle
U65B045120T	Infinity 4X connector
U65B124210	Receptacle
U65B1242E0T	Receptacle
U65E044120T	Infinity 4X connector
U65E044210T	Infinity 4X connector
U65E044220	Receptacle
U65E044460T	Receptacle
U65E045120T	Receptacle
U65E124120	Receptacle
U65E124464T	Receptacle
U65F044360T	Belly to Belly
UE66C042130	Plug
UE66L042120	Plug
UE66L042130	Plug
UE66N042120	Infinity 4X Plug Lanyard style
UE66N042130	Plug

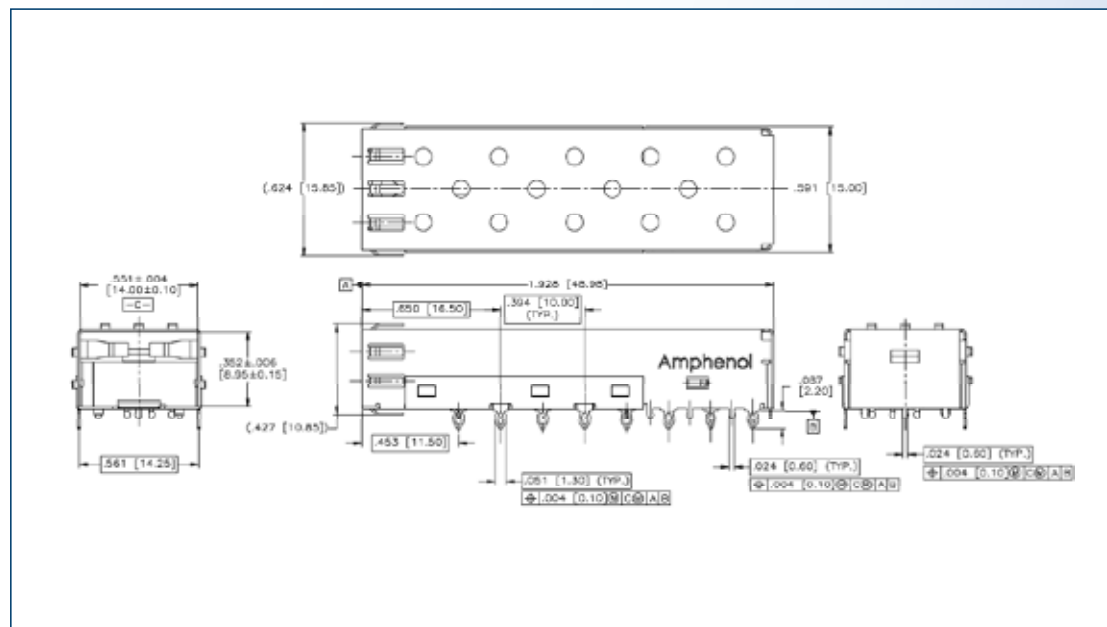
For detailed
specifications check
www.amphenolinfocom.eu

The image shows a metal backplane connector, likely a DIN connector, with multiple ports and a small plug connector. The backplane connector is a long, rectangular metal block with several rows of pins and sockets. The plug connector is a small, rectangular metal component with a single row of pins.

- Enhanced EMI versions incorporate stainless steel ground tabs

- Housing: Glass reinforced lead-free process solder reflow compatible UL94V-O

- Storage Temperature = -55°C to $+105^{\circ}\text{C}$



Part number	Description
U77A1118200T	Single port SFP cage
U77A16182001	1x1 SFP+ cage
U77A21142001	1x2 SFP cage
U77A26142001	1x2 SFP+ cage
U77A41142001	1x4 SFP cage
U77A46142001	1x4 SFP+ cage
U77A61142001	1X6 SFP cage
U77A66142001	1x6 SFP+ cage
U77C11182011	1x1 SFP cage with Light Pipes
U77C21102011	1x2 SFP cage with Light Pipes
U77C41102011	1x4 SFP cage with Light Pipes
U77C61102011	1x6 SFP cage with Light Pipes
U77F16182001	1x1 SFP+ 1 deg Cage
U78B112600121	2X1 SFP cage and connector combo
U78B412600121	2X4 SFP cage and connector combo
UE75A203000T	SFP SMT Connector. 30 u" Gold. Matte Tin tails