

## SPECIFICATIONS

## FBI Connector

### Mechanical

**Contact retention Force:** 250g min.  
**Mating Force:** 100g max. Per Contact Pair  
**Unmating Force:** 15g min. Per Contact Pair  
**Durability:** 500 Cycles

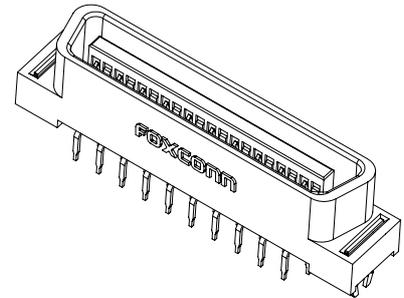
### Electrical

**Voltage Rating:** 30V  
**Current Rating:** 1.0A  
**Contact Resistance:** 30mΩ max.  
**Dielectric Withstanding Voltage:** 500V AC  
**Insulation Resistance:** 1000MΩ

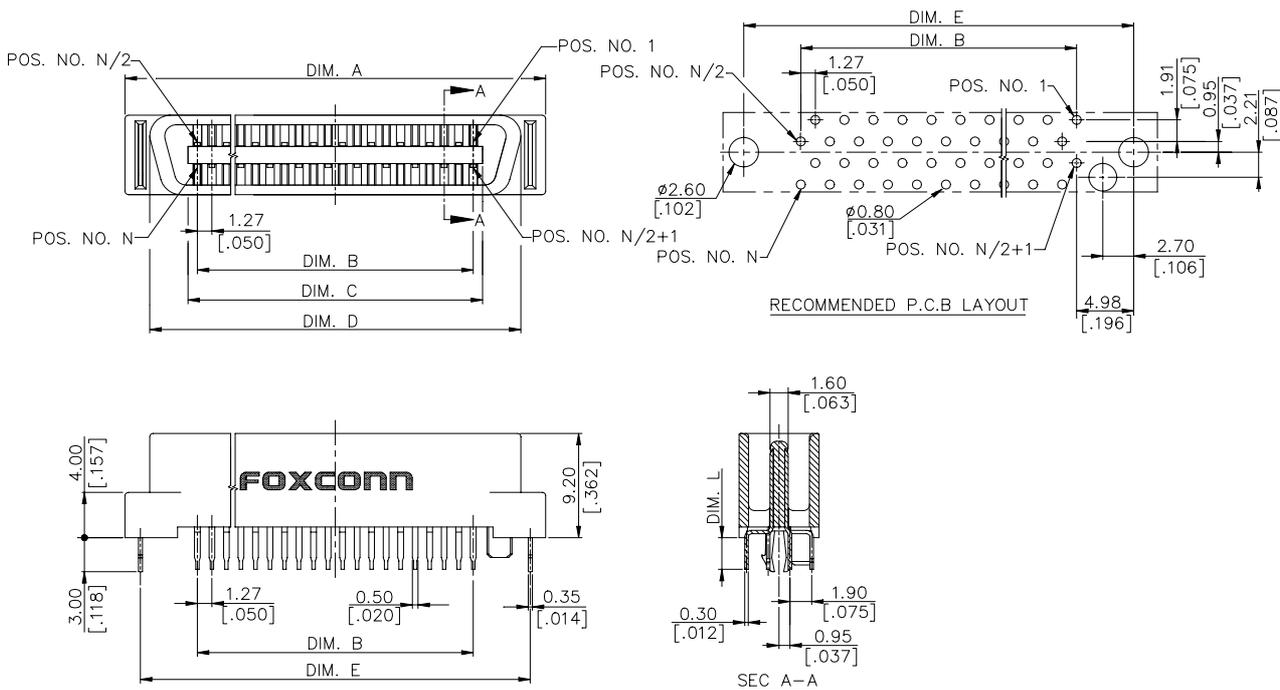
### Physical

**Housing:** Thermoplastic, UL 94V-0 rated in Black Color  
**Contact and Board Lock:** Phosphor Bronze  
**Plating:** See "ORDERING INFORMATION"  
**Cover:** Stainless Steel  
**Operating Temperature:** -40°C to +105°C

**LZ15 Series**  
**Vertical, T/H Type**  
**Plug**  
**1.27mm [.050"] Pitch**



## DRAWING



## ORDERING INFORMATION

PRODUCT NO.: LZ 15 \*\* H - B \* 4

FBI — Termination Side  
 PLUG — 4=4 Rows  
 No. of Pos. — Tail Length:  
 20=40 Pos. 2: DIM. L=2.80 mm  
 40=80 Pos. 6: DIM. L=3.40 mm  
 Contact Area Plating  
 H=30u" Gold with RoHS compliance

LZ1540*-B*4	40/80	80	62.20 [2.449]	49.53 [1.950]	51.17 [2.015]	57.87 [2.278]	59.50 [2.343]
LZ1520*-B*4	20/40	40	36.80 [1.449]	24.13 [.950]	25.77 [1.015]	32.47 [1.278]	34.10 [1.343]
P/N	POS.	N	DIM. A	DIM. B	DIM. C	DIM. D	DIM. E