

# IEEE1394 CONNECTOR & CABLE

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## ESB 6 SERIES (CONNECTOR)

### FEATURES

- Raised design provides easy insertion and withdrawal, and guarantee even high reliability.
- Gold plated contact ensure low contact resistance.
- All plastics are UL 94V-0 grade fire retardant .
- Up to 4.5 meters per cable segment.
- To make sure your connections are perfect every time.

### SPECIFICATIONS

ELECTRICAL		MECHANICAL	
Contact resistance	30 mΩ Max.	Durability	1500 cycles
Insulation resistance	100 MΩ Min.	Unmating force	9.8N Min., 39.2N Max.
Dielectric strength	500 VDC Min.	Temperature	storage -40°C to +60°C operating 0°C to +40°C
ENVIRONMENTAL		Vibration	No discontinuities of 1μs or longer duration.
Thermal shock	-55°C to +85°C, 5cycles.	Mechanical shock	No discontinuities of 1μs or longer duration.
Temperature life	85°C for 250 hours.		
Humidity	96 hours at 40°C with 90% to 95%RH.		

### PART NUMBERING SYSTEM

```

ESB  6  6  1  0  1  0  0  X
|    |  |  |  |  |  |  |
|    |  |  |  |  |  |  |
|    |  |  |  |  |  |  | +----- Special Code
|    |  |  |  |  |  |  | +----- 0:Standard
|    |  |  |  |  |  |  |                       1:No USE Mark
|    |  |  |  |  |  |  | +----- Terminal Type: 0:Standard
|    |  |  |  |  |  |  | +----- 1:With shield
|    |  |  |  |  |  |  | +----- Color: 0:Black
|    |  |  |  |  |  |  |                       1:White
|    |  |  |  |  |  |  | +----- Port Type: 1:Single Port
|    |  |  |  |  |  |  | +----- Setting: 6:Surface Mount Type
|    |  |  |  |  |  |  | +----- Contact Type: 6:IEEE1394 Connector
+----- Model Name: ESB Series

```

## DIMENSIONS (UNIT: mm)

### IEEE 1394 CONNECTOR

