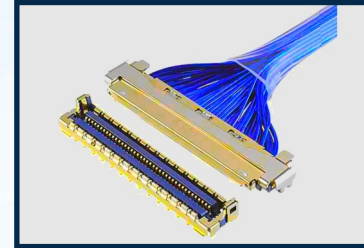
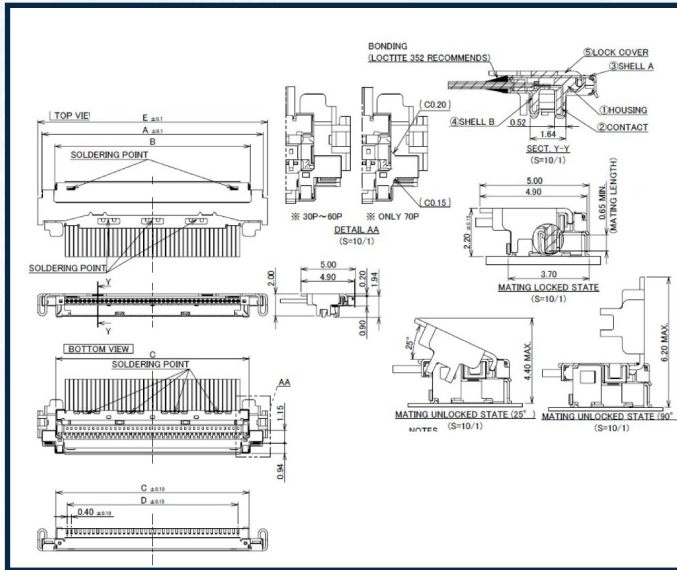


## FULLY SHIELDED MICRO CONNECTOR



**P/N: CMO-1442-S000**

### MECHANICAL SPECIFICATIONS:

Coaxial cable: Twinaxial AWG40, 45 Ohm, 100mm

Wiping length: 0.65mm Min.

Mated height: 2.15 (without lock cover).

Durability: : 30 cycles.

### ENVIRONMENT SPECIFICATIONS:

Operating temperature: -40°C / +85°C .

Operating humidity: 90% Max.

### ELECTRICAL SPECIFICATIONS:

Data transfer: 40 Gbps/lane PAM3)

Rated voltage: 100VAC (per contact) .

Contact initial resistance: 180 mOhm

Dielectric voltage: 250VAC , 1 Min.

### MATERIALS:

Lock cover: phosphor bronze, 1.0µm Ni plated.

Shell A&B: phosphor bronze, Au 0.003µm over 1.0µm Ni plating.

Contacts: Corson alloy, 1.0µm Ni plated .

### Options & information:

Number of position available: 30, 40 , 50, 60, 70.

An option without cover available.

Standard cable length: 100, 200, 300 mm.

For reflow process. Rump up rate: 220 °C for 2-3 seconds.