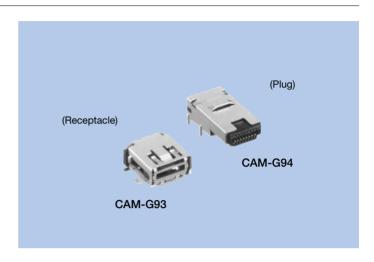
Interface Connectors for Cradle CAM-G93, G94

Connectors

FEATURES

- 1. Developed for connection of portable equipment with cradles.
- 2. 16-pole specification, with 8 poles arranged in two rows at an 0.5 mm pitch.
- Provided with shutter cover to prevent dust and electrostatic discharge on the receptacle side. (G93)
- 4. It is generated when plugs are united with the receptacle, and there is a mechanism that absorbs shaking (length and side).
- 5. SMT-compatible.
- 6. Gold-plated shield case.



HOW TO ORDER

1.CAM-G93

$\frac{\textbf{G93}}{1} - \frac{\textbf{016}}{2} - \frac{\textbf{21}}{3} \quad \frac{\textbf{0}}{4} - \frac{\textbf{A}}{5} \quad \frac{\textbf{G}}{6} \quad \frac{\textbf{G}}{7} \quad \frac{\textbf{M}}{8} - \frac{\textbf{H}}{9}$

- 1 Series No. (G93)
- 2 No. of contacts (016: 16pins)
- 3 Housing material (21 : LCP resin)
- 4 UL grade (H: UL94V-0)
- 5 Contact plating
 - (A: Gold)
- 6 Contact plating thickness (G: 0.3µm)
- 7 Contact read style (G: Angle)
- 8 Coupling side accessories (M: Shield Case)
- 9 Board side accessories (H: Wing)

2.CAM-G94

$\frac{\textbf{G94}}{1} - \frac{\textbf{016}}{2} - \frac{\textbf{05}}{3} \ \frac{\textbf{0}}{4} - \frac{\textbf{A}}{5} \ \frac{\textbf{G}}{6} \ \frac{\textbf{G}}{7} \ \frac{\textbf{M}}{8} - \frac{\textbf{H}}{9}$

- 1 Series No. (G94)
- 2 No. of contacts (016: 16pins)
- 3 Housing material (05: 46 Nylon resin)
- 4 UL grade (H : UL94V-0)
- 5 Contact plating
 - (A: Gold)
- 6 Contact plating thickness (G: 0.3µm)
- 7 Contact read style (G: Angle)
- 8 Coupling side accessories (M: Shield Case)
- 9 Board side accessories (H: Wing)

SPECIFICATIONS

ELECTRICAL CHARACTERISTICS

Maximum allowable Voltage	30V
Maximum allowable current	0.5A
Withstanding Voltage	125V AC (rms) 1minute
Insulation Resistance	$10 \mathrm{M}\Omega$ min. (Initial 150V DC)
Contact Resistance	$50 \mathrm{m}\Omega$ max.

MECHANICAL CHARACTERISTICS

Life (Matching Cycle)	5,000 times.
Total Insertion Force	39.2N (4kgf) max.
Eject Force	19.6N (2kgf) max.
Using Temperature Range	-20°C~60°C

MATERIAL & FINISH

C	omponent Parts	Material	Finish
CAM-G93	Housing	LCP resin	(Black)
	Contact	Copper Alloy	Gold plating
	Shielded Case	Copper Alloy	Gold plating
	Shutter Housing	LCP resin	(Black)
	Shutter Shielded	SUS	
	Coil Spring	Piano wire	
CAM-G94	Housing	46 Nylon resin	(Black)
	Contact	Copper Alloy	Gold plating
	Shielded Case	Copper Alloy	Gold plating

DIMENSIONS

CAM-G93 CAM-G94

