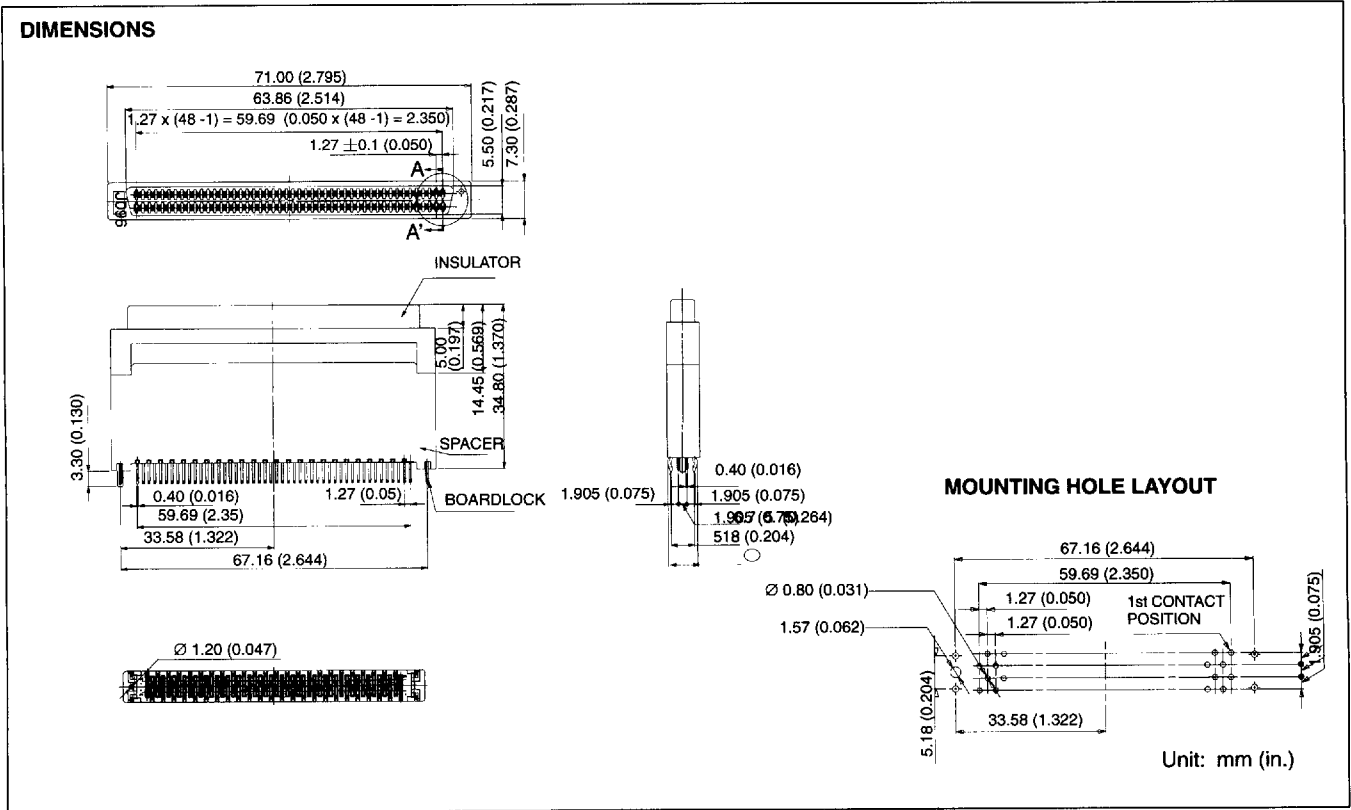
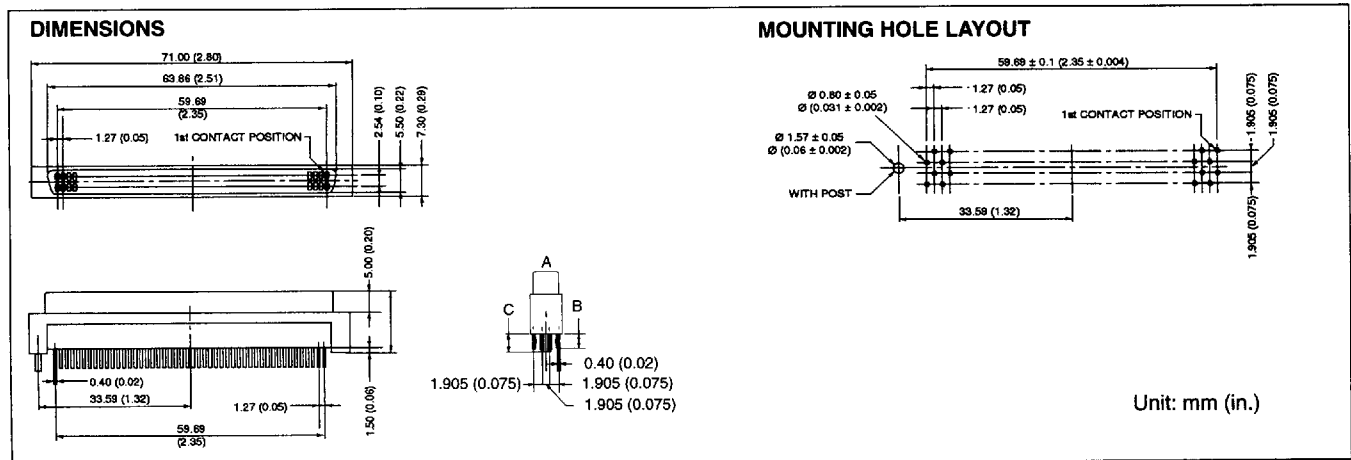


### FCN-234J096-G/U1 EXTENDED HEIGHT S-BUS SOCKET



2

### FCN-234J096-G/\* STRAIGHT-TYPE SOCKET — S-BUS



**PART NUMBERS**

No. of Contacts	Part Number	A	B Lead Length	C Polarization Post	Description
96	FCN-234J096-G/O	10.7 (0.421)	3. (0.13)	-	Std.
96	FCN-234J096-G/S	10.7 (0.421)	3. (0.13)	4.0 (0.16)	Std.
96	FCN-234J096-G/Y	14.45 (0.57)	3. (0.13)	-	S-Bus
96	FCN-234J096-G/TFA	14.45 (0.57)	2.8 (0.11)	3.4 (0.13)	S-Bus
96	FCN-234J096-G/U	14.45 (0.57)	3. (0.13)	4.0 (0.16)	S-Bus
96	FCN-234J096-G/UA	14.45 (0.57)	3. (0.13)	3.4 (0.13)	S-Bus

Notes: <sup>1</sup>0.130 in. lead length. <sup>2</sup>0.110 in. lead length.

# FCN-234P/235P\*\*\*-G/0, G/\*, -234J/235J\*\*\*-G/0, G/\*, FCN-230 Series Pin Contact Board Plug/Socket Connectors

## 1.27 mm PITCH, PIN CONTACT BOARD PLUG/SOCKET CONNECTORS

### FEATURES

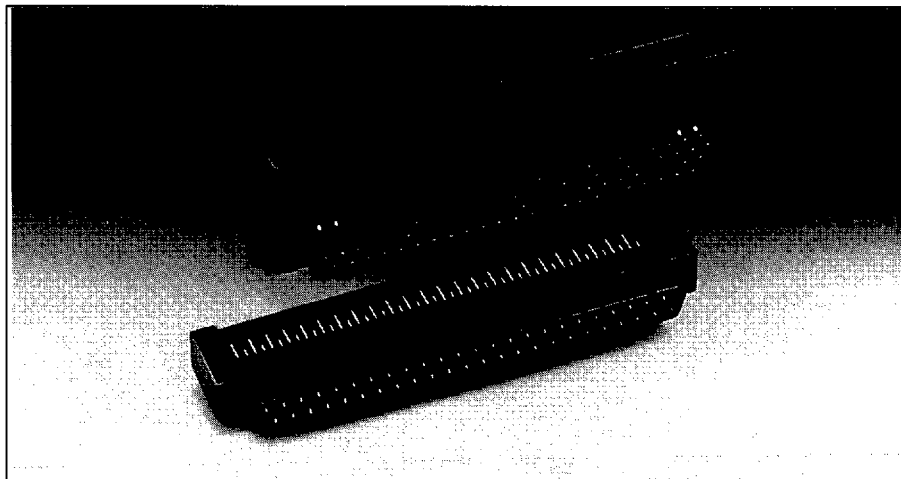
- 1.27 mm (0.05 in.) pitch contact arrangement in two rows enables high density mounting
- Terminals are spaced in a four-row zigzag array (1.27 mm (0.05 in.) x 1.905 mm (0.075 in.)) for easy PC board design
- Insulation material recognized by UL (94V-0)
- Each of the contacts on the female connector are alternately inset to facilitate two-step coupling, significantly reducing insertion force
- **S-Bus standard connector in straight 96 positions**
- **SCSI III standard connector 68 position plug/socket**

### SPECIFICATIONS

Temperature Range	-55°C to + 105°C				
Maximum Rated Current	2 A DC (PCB to PCB)				
Maximum Rated Voltage	240 VAC				
Contact Resistance	30 mΩ or max. (6 V DC, 0.1 A)				
Insulation Resistance	1000 MΩ or min. (500 V DC)				
Dielectric Withstand Voltage	750 V AC for 1 minute				
Insertion Force (kg)	PCB to PCB				
	No. of contacts	34	48	68	96
Withdrawal Force (kg)	PCB to PCB				
	No. of contacts	34	48	68	96
	Force	3.0	4.0	5.5	7.0
	Force	0.68	0.96	1.36	1.92

### MATERIALS

Conductor	Copper alloy
Insulator	Polyester UL94V-0 (PPS for SMT)
Contact plating	Gold over palladium over nickel (PAGOS)



2