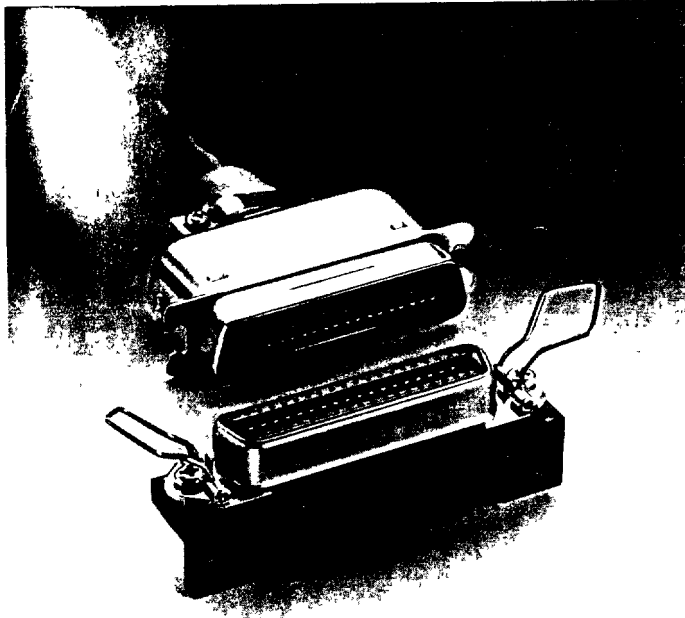


147-749

RIBBON TYPE CONNECTORS

FCN-785J, 781P



Features

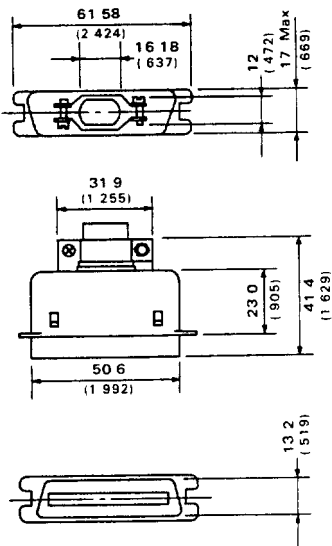
- Intermatable with other "RIBBON" type connectors
- Shielded metal shell
- Selective plating (gold-palladium plated contact and solder-plated terminal)
- UL recognized material (94V-0)

Engineering Data

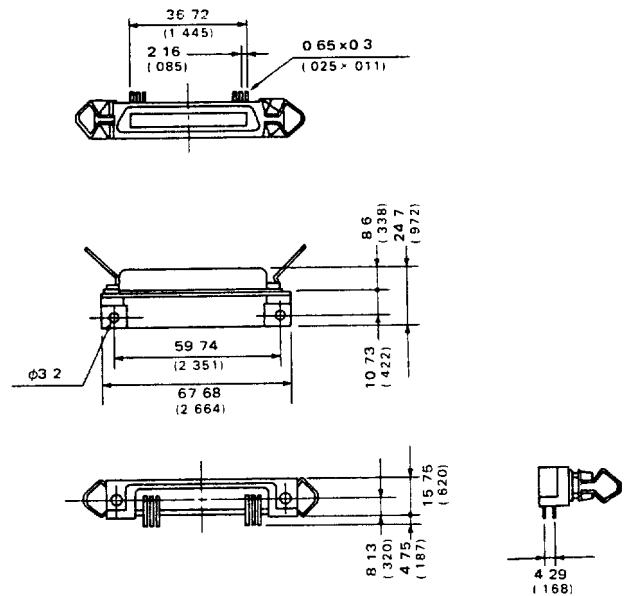
Items	Specification
Temperature range	-55° C to +105° C
Current rating	3 ADC
Contact resistance	30 mΩ max. at 6 VDC 0.3A
Insulation resistance	1000 MΩ min. at 500 VDC
Dielectric withstanding voltage	500 VAC for 1 minute
Insertion force	13.6 kg max. (36 pin)
Withdrawal force	0.725 kg min. (36 pin)
Thickness of PC board (standard)	1.6 mm (1/16 inch)
Materials	
Contacts	Phosphor-bronze (gold-palladium-over nickel plating)
Insulation	Plug PPS Socket PBT

Dimensions

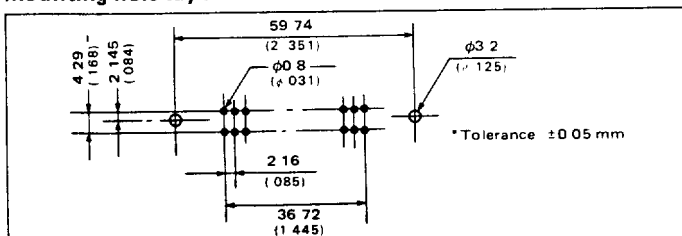
Model FCN-781P036-G/P



Model FCN-785J036-G/Q



Mounting hole layout



FCN-750 Mini-DIP	FCN-760 Card edge	FCN-770 D type	FCN-780 Ribbon type	FCN-720 Block header	FCN-720 Receptacle	Cover

FCN-754P	FCN-767J	FCN-770P FCN-770J	FCN-770C	FCN-781P FCN-785J	FCN-720P	FCN-723J FCN-723B (bump) FCN-723D (lockable)	FCN-720C
10, 14, 16, 20, 24, 26, 30, 34, 40, 50, 60	10, 16, 20, 26, 30, 34, 40, 50, 60	9, 15, 25, 37	25	36	S type 2 to 36 W type 4 to 72 L type 10 to 60 0 type 8 to 60	1 row 2 to 36 2 row 4 to 72	2S type 20, 26, 34, 2P type 40, 50, 60
2.54 x 2.54	2.54 (between pins)	2.84 x 2.76	—	4.29 x 2.16	2.54 (S type, 1 row) 2.54 x 2.54 (0, L, or W type)	2.54 (1 row) 2.54 x 2.54 (2 row)	—
IDC/Solder dipping	IDC	IDC/Solder dipping	—	Soldering/Solder dipping	Wire wrapping Solder dipping	Crimping	—
Flat cable/PCB	Flat cable	Flat cable/PCB	—	Discrete wire/PCB	PCB	Discrete wire	—
Straight	—	Right angle IDC 5 7	—	—	Wrapping 2 Straight 4 Right angle 5	—	—
—	(Main body shape) Without ears /1, 6 With half ears /2, 7 *1 With full ears /3, 8	(Main body shape) Molded type /A, B Metal type /C, D	—	—	(Main body shape) Original ... /0 Low-profile ... /L Low-profile, break, 2-row ... /W Low-profile, break, 1-row ... /S	(Main body shape) 1-row socket ... /1 2-row socket ... /2	(Main body shape) Standard type ... /2P Low-profile type ... /2S
—	FCN-780A1	FCN-770A01, etc.	FCN-770A03 etc.	—	—	FCN-700A1 (key)	—