

Board to Board Connectors

FH (Free Height) 0.6mm Pitch Board to Board GIGA Connectors

SMT Typed

4H Type

Plug Assembly
GIGA Type
Without Grounding Plate

Acceptable Board Stacking
Height=4mm/12mm

Material and Finish :

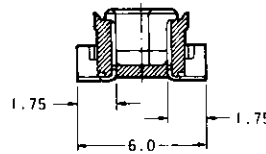
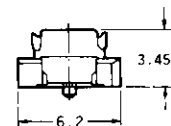
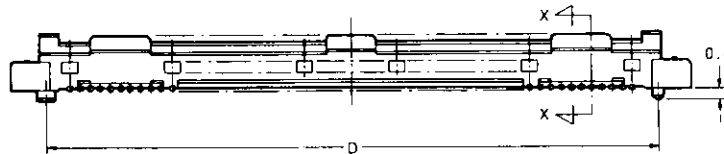
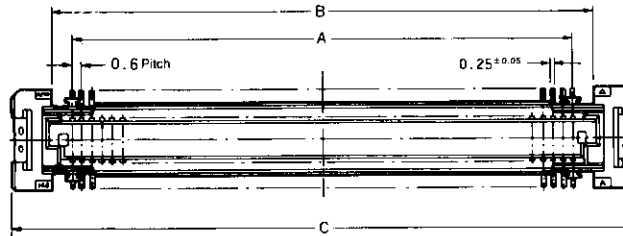
Housing — UL94V-0 rated
heat resistant resin, natural
color

Contact — Copper alloy,
0.2µm min. gold plated on
contact area, 1.0µm gold
plated on soldering area,
1.3µm min. nickel underplated
on entire contact.

For Mating Receptacle Distinction of Stacking Height

Height	No. of Pos.	Part Number of Mating Receptacle
50	(with sealant)	5-353189-3 E
	(without sealant)	316136-3 S ▲316077-3 S
	(with sealant)	▲5-353190-5 E
70	(without sealant)	316136-5 S
	(with sealant)	▲5-1318045-8 E*
100	(without sealant)	▲353190-8 E
	(with sealant)	▲6-353190-0 E ▲6-316077-0 S ▲1-316560-0 H
140	(without sealant)	▲1-353190-0 E ▲1-316077-0 S ▲1-316136-0 S
	(with sealant)	▲1-316560-1 H
	(without sealant)	▲1-353190-1 E ▲1-316077-1 S 1-316136-1 S
	(UIC)	1318029-3 SH
12mm		

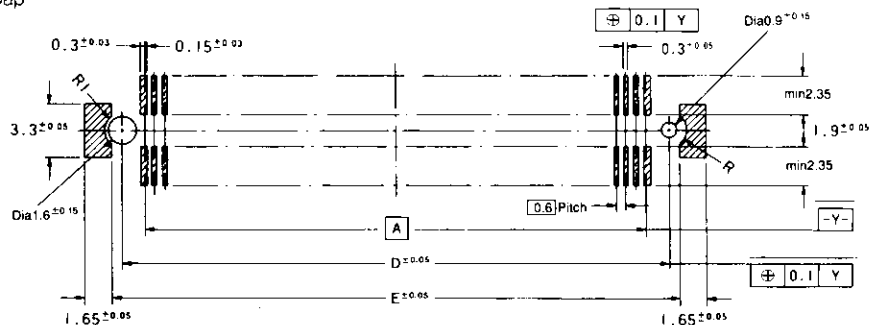
E : Emboss tape mounted
S : Soft Tray Packaged
H : Hard Tray Packaged
SH : Semi-Hard Tray Packaged
* With Cap
▲With Grounding Contact



Section X-X

No. of Pos.	Dimensions					P/N (Emboss tape mounted)		P/N of Soft Tray packaged
	A	B	C	D	E	Without Sealant	With Sealant	Without Sealant
50	14.4	17.0	21.7	17.6	19.8	—	—	316135-3
70	20.4	23.0	27.7	23.6	24.8	—	—	316135-5
100	29.4	32.0	36.7	32.6	33.8	353183-8	5-1318042-8*	—
140	41.4	44.0	48.7	44.6	45.8	1-353183-0	6-353183-0	—
160	47.4	50.0	54.7	50.6	51.8	—	—	1-316135-1

*With Cap



PC Board Layout