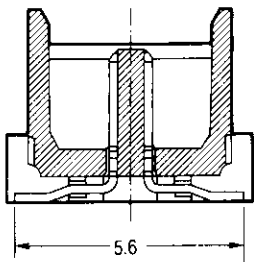


# Board to Board Connectors FH (Free Height) 0.8mm Pitch Connectors Board to Board SMT Typed

## Plug Assemblies

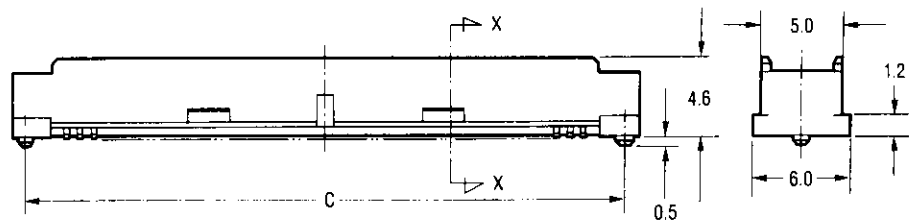
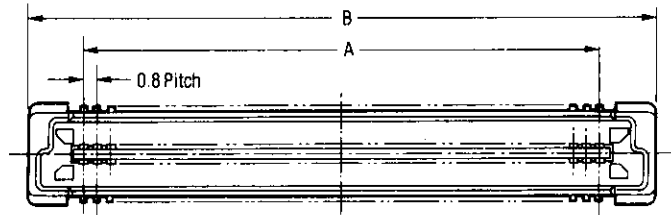
### Material and Finish :

Housing—UL94V-0 rated, heat-resistant thermoplastic, natural color  
Contact—Brass, 0.2µm min. gold plated on contact area, 1.0µm min. tin-lead plated or tin plated on soldering area, with entire contact underplated 1.3µm min. nickel



Section X-X

## Applicable Board Stacking Heights = 5mm/9mm/13mm

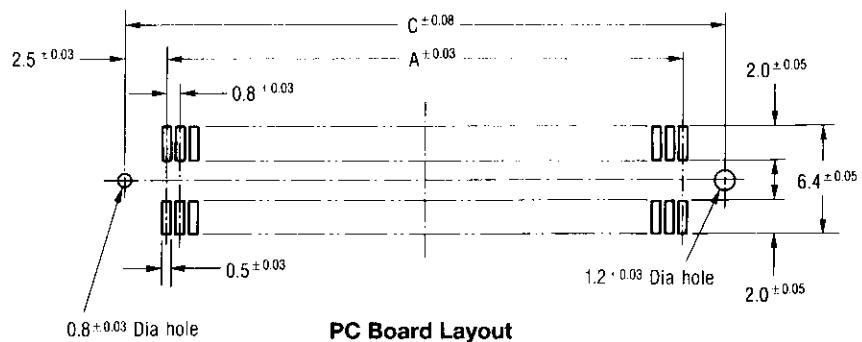


### Mating Receptacle Distinction of Stacking Height

Stacking Height	Part No. of Mating Receptacle
5mm	□-177983-□
	179494-□*
	1-179494-0 *
9mm	□-179009-□
	2-179494-□*
	3-179494-0 *
13mm	□-179010-□
	4-179494-□*
	5-179494-0 *

\* With solder peg.

No. of Pos.	Dimensions			Part Number	
	A	B	C	Tube (ea.)	Emboss tape mounted (pcs.)
40	15.2	21.8	20.2	177984-1 (22)	177986-1 (900)
60	23.2	29.8	28.2	177984-2 (16)	177986-2 (900)
80	31.2	37.8	36.2	177984-3 (12)	177986-3 (900)
100	39.2	45.8	44.2	177984-4 (10)	177986-4 (650)
120	47.2	53.8	52.2	177984-5 (9)	177986-5 (650)
140	55.2	61.8	60.2	177984-6 (7)	177986-6 (650)
160	63.2	69.8	68.2	177984-8 (6)	—
180	71.2	77.8	76.2	177984-9 (6)	—
200	79.2	85.8	84.2	1-177984-0 (5)	—



PC Board Layout