

FEATURES AND SPECIFICATIONS

Features and Benefits

- Stacking height: 5.0 to 8.0 and 10mm
- Sizes 20 to 240 circuits
- Housing lock on 20 to 70 circuits
- Anti-flux design
- Metal solder tabs provide PCB hold down and strain relief for SMT tails
- Polarizing pegs assist placement

Reference Information

Packaging: Tube and embossed tape
 Mates With: 53475 (H=5.0mm)
 53467 (H=6.0mm)
 53481 (H=7.0mm)
 53551 (H=8.0mm)
 53553 (H=10.0mm)
 Designed In: Millimeters

Electrical

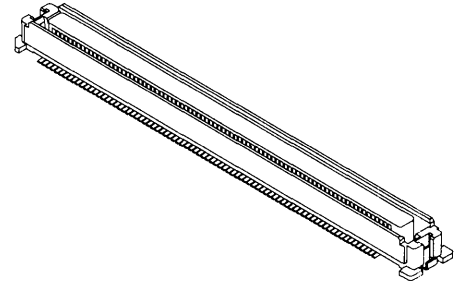
Voltage: 100V
 Current: 0.5A
 Contact Resistance: 40mΩ max. (H=5.0 to 7.0mm)
 50mΩ max. (H=8.0, 10.0mm)
 Dielectric Withstanding Voltage: 250V AC
 Insulation Resistance: 1000 MΩ min.

Physical

Housing: White glass-filled LCP, UL 94V-0
 Contact: Copper Alloy
 Plating: Gold over Nickel
 Operating Temperature: -55 to +85°C

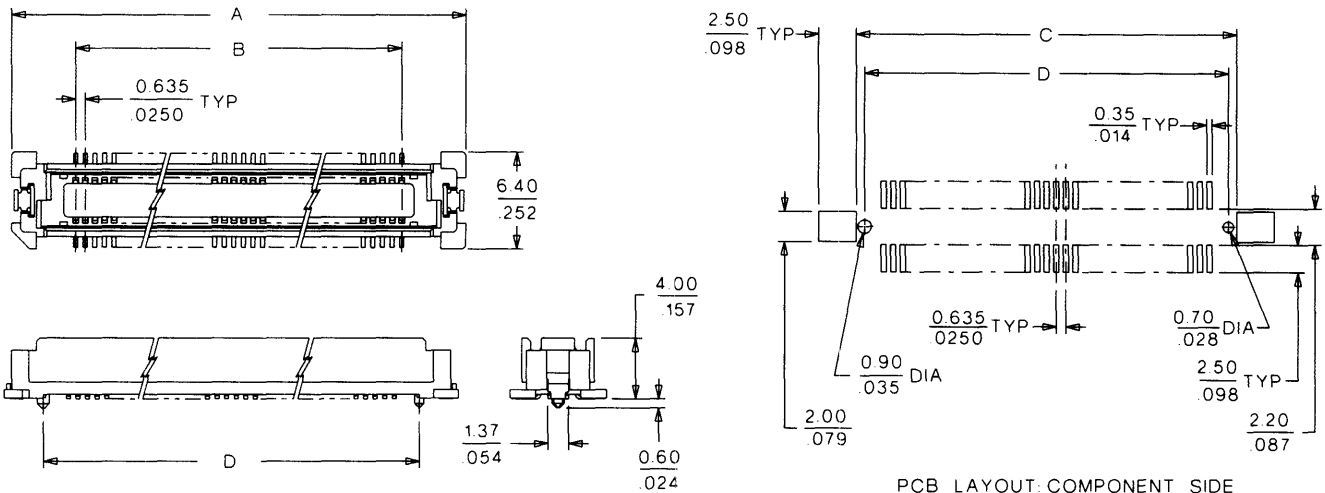
molex® 0.635mm (.025") Pitch Board-to-Board Receptacle

52760/52885 SMT, Dual Row Vertical Stacking



0.40 to 1.60mm (.016 to .063") Pitch

CATALOG DRAWING (FOR REFERENCE ONLY)



ORDERING INFORMATION AND DIMENSIONS

Circuits	Order No.			Dimension			
	Tube	Tube with Cover	Embossed Tape with Cover	A	B	C	D
20	52760-0209	52885-0205	52885-0204	14.22 (.559)	5.71 (.225)	10.62 (.418)	9.02 (.355)
30	52760-0309		52885-0304	17.40 (.685)	8.89 (.350)	13.80 (.543)	12.20 (.480)
40	52760-0409		52885-0404	20.57 (.809)	12.06 (.475)	16.97 (.668)	15.37 (.605)
50	52760-0509	52885-0505	52885-0504	23.75 (.935)	15.24 (.600)	20.15 (.793)	18.55 (.730)
60	52760-0609	52885-0605	52885-0604	26.92 (1.059)	18.41 (.725)	23.32 (.918)	21.72 (.855)
68	52760-0689			29.46 (1.159)	20.99 (.827)	25.86 (1.018)	24.26 (.955)
70	52760-0709	52885-0705	52885-0704	30.10 (1.185)	21.59 (.850)	26.50 (1.043)	24.90 (.980)
80	52760-0809		52885-0804	33.27 (1.309)	24.76 (.975)	29.67 (1.168)	28.07 (1.105)
90	52760-0909	52885-0905	52885-0904	36.45 (1.435)	27.94 (1.100)	32.85 (1.293)	31.25 (1.230)
100	52760-1009	52885-1005	52885-1004	39.62 (1.559)	31.11 (1.225)	36.02 (1.418)	34.42 (1.355)
120	52760-1209	52885-1205	52885-1204	45.97 (1.809)	37.46 (1.475)	42.37 (1.668)	40.77 (1.605)
140	52760-1409	52885-1405		52.32 (2.059)	43.81 (1.725)	48.72 (1.918)	47.12 (1.855)
160	52760-1609	52885-1605	52885-1604	58.67 (2.309)	50.16 (1.975)	55.07 (2.168)	53.47 (2.105)
180	52760-1809			65.02 (2.559)	56.51 (2.225)	61.42 (2.418)	59.82 (2.355)
200	52760-2009			71.37 (2.809)	62.86 (2.475)	67.77 (2.668)	66.17 (2.605)
240	52760-2409			84.07 (3.309)	75.56 (2.975)	80.47 (3.168)	78.87 (3.105)

Note: Use only one connector per daughterboard in order to insure proper mating alignment

Note: Contact Molex for embossed tape specifications