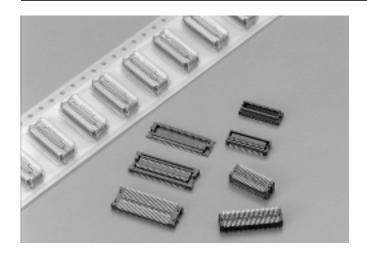
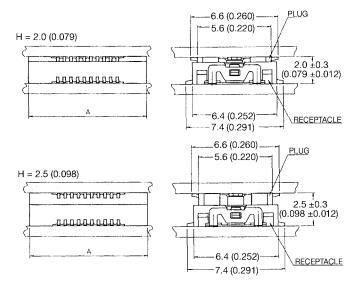


Series 5087





Series 5087 is the board to board, fine pitch connector which meets the requirement for high density circuitry in the market and designed especially for portable equipment. Mated height between boards can be 2.0mm or 2.5mm.

#### **FEATURES**

5087 series is offered with strain relief, with or without vacuum tape.

Designed to have the strong resistance against torque forces on mating area to achieve the high reliability in the natural fall shock environment.

Parts are supplied in tape and reel with 1000 pieces per reel. Contact sales office for details of other available pin counts.

#### **SPECIFICATIONS**

Series 5087

Mated Height 2.0, 2.5mm

Pitch 0.5mm

Current 0.4A Max

Voltage 50V Max

D.W. Voltage 500V rms/min

Mating Cycles 30

No. of	Dimension
Pos.	Α
010	6.4 (0.252)
030	11.4 (0.449)
050	16.4 (0.646)
060	18.9 (0.744)

Series	Variation	Mated	Gold	Strain	Vacuum Part Number Part Number					f Positions							
Series	Variation	Height	Plating	Relief	Cover	Part Number			010	020	030	040	050	060	080	140	
5087	Plug	2.0mm	0.1µm	0	0	14 5087	XXX 9	20	829	0		0		0	0		
				0	1	14 5087	XXX 0	20	829	0		0		0	0		
		2.5mm	0.1µm	0	0	14 5087	XXX 9	25	829			0		0	0		
				0	1	14 5087	XXX 0	25	829			0		0	0		
	Receptacle		0.1µm	0	0	24 5087	XXX 9	07	829	0		0		0	0		
				0	1	24 5087	XXX 0	07	829	0		0		0	0		

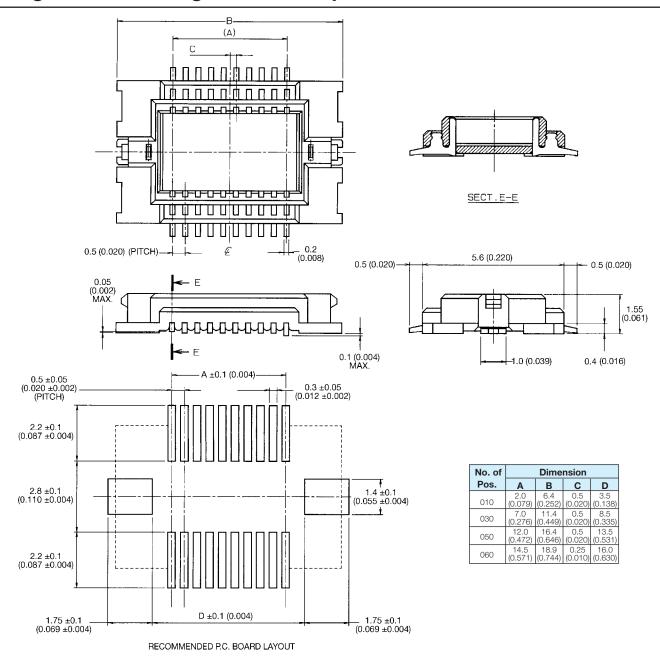
O = Available 1 = Not available



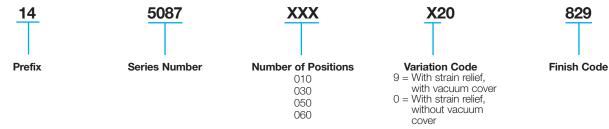


Series 5087

### Plug for Mated Height with Receptacle of 2.0mm



#### **HOW TO ORDER**



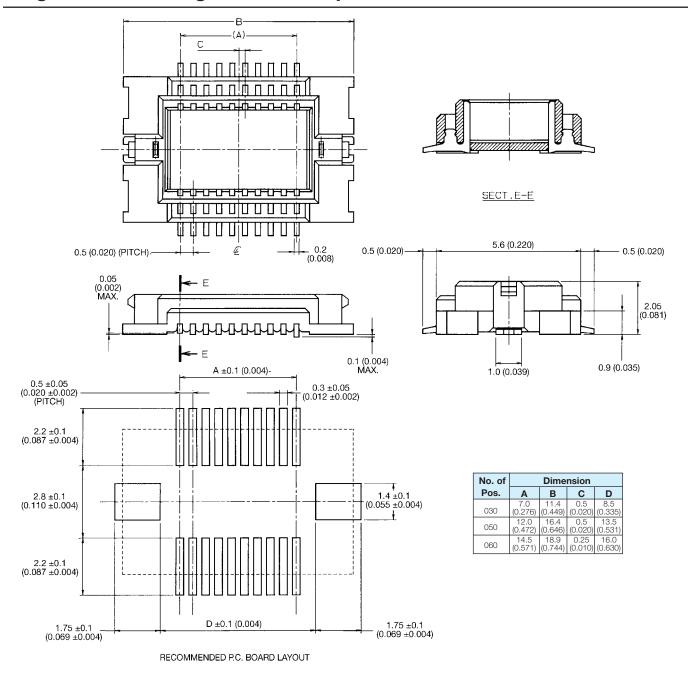
Parts are supplied in tape and reel packaging with 1000 pieces per reel.



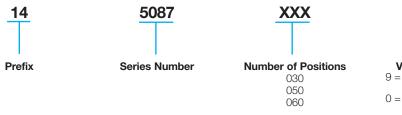


Series 5087

### Plug for Mated Height with Receptacle of 2.5mm



### **HOW TO ORDER**



Parts are supplied in tape and reel packaging with 1000 pieces per reel.



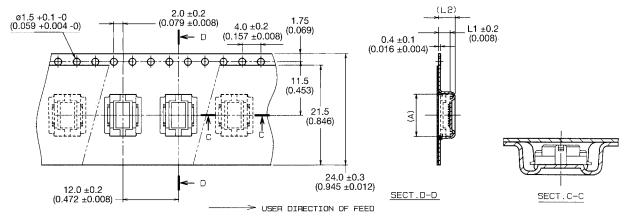
**X25** 





### Series 5087 Plug Tape and Reel Package H=2.0 - 2.5mm

20 - 50 Contacts



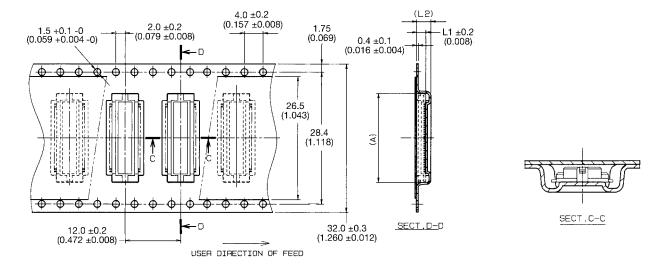
#### H=2.0 (0.079)

Dimension							
P/N	No. of Pos.	Α	L1	L2			
14 5087 010 X20 829	010	6.6 (0.260)	2.0 (0.079)	3.1 (0.122)			
1 030 1	030	11.6 (0.457)	2.0 (0.079)	3.1 (0.122)			
14 5087 050 X20 829	050	16.6 (0.654)	2.0 (0.079)	3.1 (0.122)			

#### H=2.5 (0.098)

Dimension								
P/N	No. of Pos.	Α	L1	L2				
14 5087 030 X25 829	030	11.6 (0.457)	2.5 (0.100)	3.6 (0.142)				
14 5087 050 X25 829	050	16.6 (0.654)	2.5 (0.100)	3.6 (0.142)				

#### 60 Contacts



#### H=2.0 (0.079)

Dimension								
P/N	No. of Pos. A		L1	L2				
14 5087 060 X20 829	060	19.1 (0.752)	2.0 (0.079)	3.1 (0.122)				

#### H=2.5 (0.098)

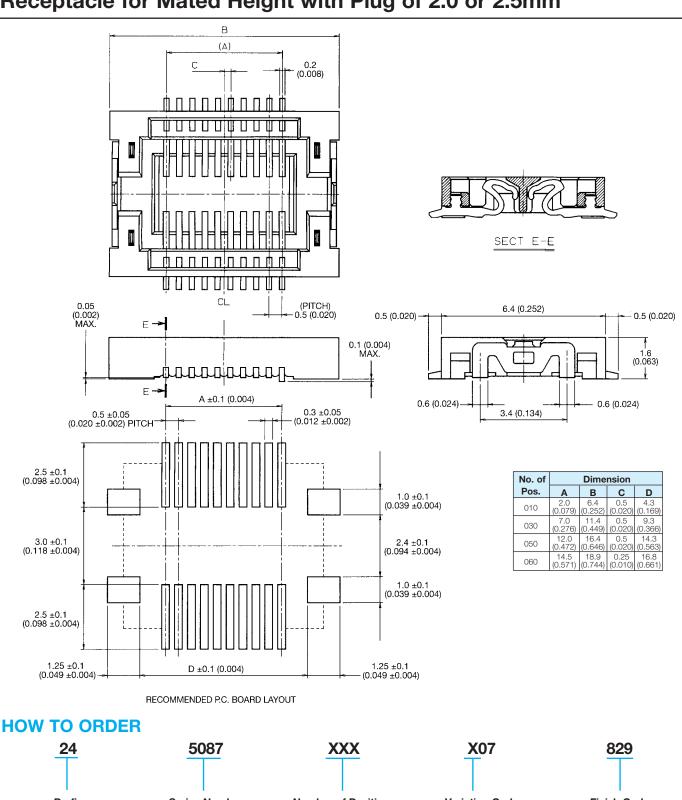
Dimension								
P/N	No. of Pos. A		L1	L2				
14 5087 060 X25 829	060	19.1 (0.752)	2.5 (0.098)	3.6 (0.142)				

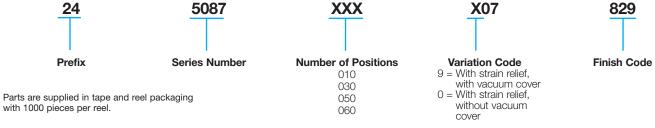




Series 5087

### Receptacle for Mated Height with Plug of 2.0 or 2.5mm

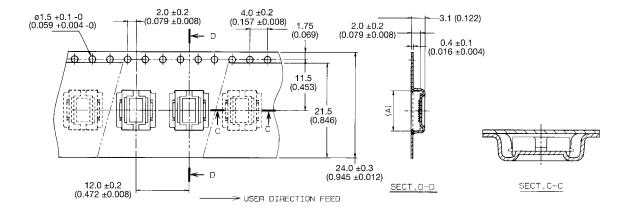






## Series 5087 Receptacle Tape and Reel Package H=2.0 - 2.5mm

10 - 50 Contacts



Dimension						
P/N	No. of Pos.	Α				
24 5087 010 XXX 829	010	6.6 (0.260)				
<b>†</b> 030 <b>‡</b>	030	11.6 (0.457)				
24 5087 050 XXX 829	050	16.6 (0.654)				

#### 60 Contacts

