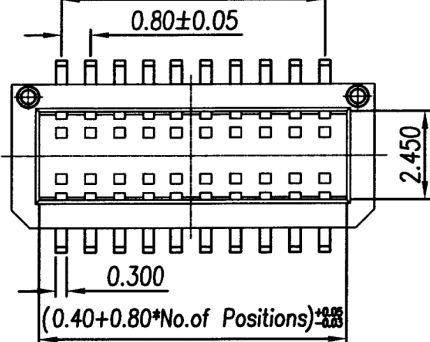


$(0.80 \times \text{No. of Contacts} - 0.80) \pm 0.10$



Specifications

Current Rating: 0.5Amp
 Insulation Resistance: 1000MΩ Min.
 Dielectric Withstanding: 300V AC/DC
 Contact Resistance: 20mΩ Max.
 Operating Temperature: -40°C to +105°C

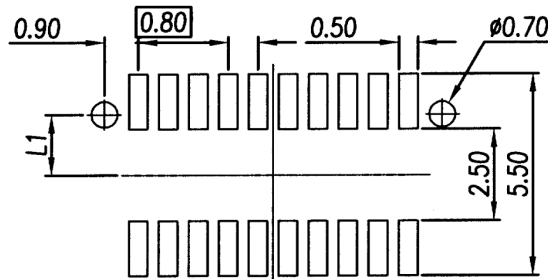
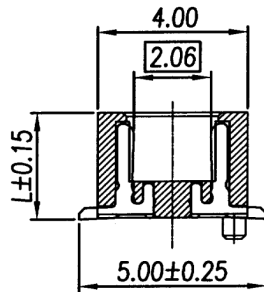
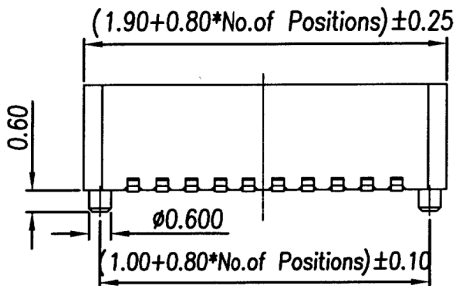
Materials

Contact Material: Phosphor Bronze
 Insulation Material: Polyester, UL 94V-0
 Nylon-9T

All materials must be GP materials
 Part no.

814 D E XX E X X 02 X 0 B X
 1 2 3 4 5 6 7 8 9 10 11 12

- | | |
|--|---|
| 1.SERIES NO:
814=0.8mm B To B Connector | 8.TYPE:
02 |
| 2.CONTACT TAIL TYPE :
D=SMT Type | 9.MATTING TYPE:
1=2.90/1.650mm
2=3.40/1.650mm
3=3.90/1.650mm
4=3.90/1.250mm |
| 3.ENVIRONMENT PROTECTION MATERIAL.
E=RoHS | 10.FILL IT WITH "0" |
| 4.CONTACT NUMBER:
08~50 | 11.PACKING:
B=Tube |
| 5.CONTACT TYPE:
F=Female | 12.INSULATOR COLOR:
3=Black
△ 5=Beige |
| 6.CONTACT AREA PLATING:
S=Gold Flash (Selective)
C=15u" Gold (Selective) | |
| 7.SOLDER TAIL PLATING:
T=Tin Plated
S=Gold Flash (Selective) | |



RECOMMENDED P.C.B LAYOUT
 TOLERANCES: ±0.05mm

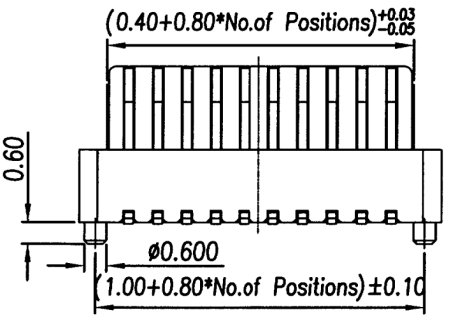
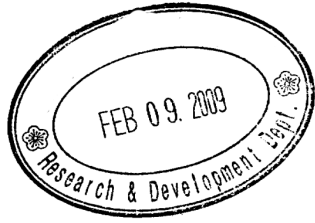
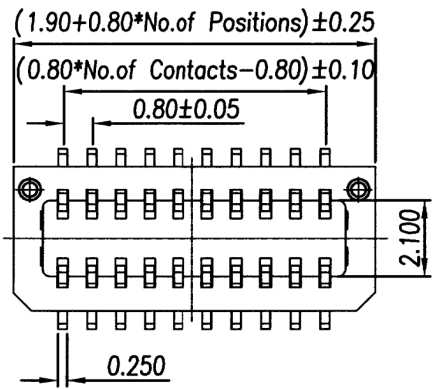
F/M ASSEM HEIGHT	PART NO.	L	L1
4.00H	814DEXXFX0210BX	2.90	1.650
4.50H			
5.00H			
5.50H	814DEXXFX0220BX	3.40	1.650
6.00H			
6.50H	814DEXXFX0230BX	3.90	1.650
7.00H			
	814DEXXFX0240BX	3.90	1.250

UNLESS OTHERWISE SPECIFIED TOLERANCE	
ANG.	±5°
.0	±0.38
.00	±0.25
.000	±0.13

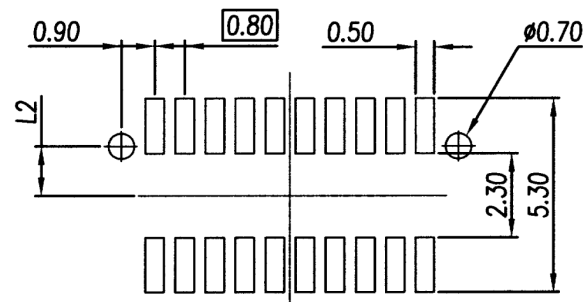
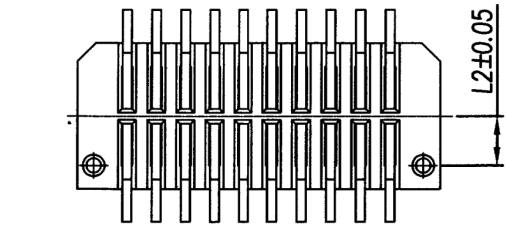
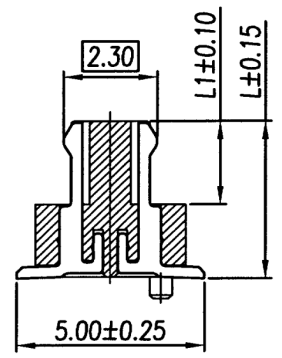
MC-COMPONENTS

REV.	DESCRIPTION	DATE	SIZE	REV.	FILE NAME:
B	ECN-0902018(Vicky) △ (9,D)	02/03/09	A4	B	814DEXXFX02X0BX
A	ECN-0802064(Juno)	02/12/08	A4	B	814DEXXFX02X0B3(Q3)

SCALE:	UNIT:	DRAWN NAME:
AS SHOWN	mm	0.8mm Board To Board
DRAWN	PEARL	02/03/09
CHECKED	RPS	02/05/09
APPROVED	J.P.	02/05/09
PRODUCT NO.	814DEXXFX02X0BX	
FILE NAME:	814DEXXFX02X0B3(Q3)	



RoHS
compliant



RECOMMENDED P.C.B LAYOUT
TOLERANCES: ±0.05mm

Specifications
 Current Rating: 0.5Amp
 Insulation Resistance: 1000MΩ Min.
 Dielectric Withstanding: 300V AC/DC
 Contact Resistance: 20mΩ Max.
 Operating Temperature: -40°C to +105°C
Materials
 Contact Material: Phosphor Bronze
 Insulation Material: Polyester, UL 94V-0
 Nylon-9T
 All materials must be GP materials
 Part no.

814 D E XX M X X 02 X 0 B X
1 2 3 4 5 6 7 8 9 10 11 12

- | | |
|--|--|
| 1.SERIES NO:
814=0.8mm B To B Connector | 8.TYPE:
02 |
| 2.CONTACT TAIL TYPE :
D=SMT Type | 9.MATTING TYPE:
A=2.80/1.80/1.350mm
B=3.30/1.80/1.350mm
C=3.80/1.80/1.350mm
D=4.30/2.30/1.350mm
E=4.80/2.30/1.350mm
F=5.30/2.30/1.350mm
G=5.30/2.30/1.250mm |
| 3.ENVIRONMENT PROTECTION MATERIAL.
E=RoHS | 10.FILL IT WITH "0" |
| 4.CONTACT NUMBER:
08~50 | 11.PACKING:
B=Tube |
| 5.CONTACT TYPE:
M=Male | 12.INSULATOR COLOR:
3=Black
Δ5=Beige |
| 6.CONTACT AREA PLATING:
S=Gold Flash (Selective)
C=15u" Gold (Selective) | |
| 7.SOLDER TAIL PLATING:
T=Tin Plated
S=Gold Flash (Selective) | |

F/M ASSEM HEIGHT	PART NO.	L	L1	L2
4.00H	814DEXMXX02A0BX	2.80	1.80	1.350
4.50H	814DEXMXX02B0BX	3.30	1.80	1.350
5.00H	814DEXMXX02C0BX	3.80	1.80	1.350
5.50H	814DEXMXX02D0BX	4.30	2.30	1.350
6.00H	814DEXMXX02E0BX	4.80	2.30	1.350
6.50H	814DEXMXX02F0BX	5.30	2.30	1.350
7.00H	814DEXMXX02G0BX	5.30	2.30	1.250

UNLESS OTHERWISE SPECIFIED TOLERANCE
 ANG. ±5°
 .0 ±0.38
 .00 ±0.25
 .000 ±0.13
 SCALE: AS SHOWN UNIT: mm

MC-COMPONENTS

REV.	DESCRIPTION	DATE	APPROVED	SIZE	REV.	FILE NAME:
B	ECN-0902019(Vicky) Δ (9,D)	02/03/09	CHECKED Rje	A4	02/05/09	814DEXMXX02X0BX
A	ECN-0802064(Juno)	02/12/08	APPROVED Jje		02/05/09	814DEXMXX02X0B3(Q3)

DRAWN PEARL 02/03/09
 DRAWN NAME: 0.8mm Board To Board
 Male Assembly
 PRODUCT NO. 814DEXMXX02X0BX
 FILE NAME: 814DEXMXX02X0B3(Q3)