

A

B

C

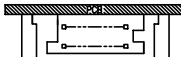
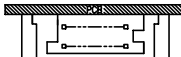
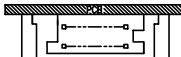
D

A

B

C

D

PRODUCT NO. * 92789-XXXX	STAND OFF DIM "M"(mm)	HDR SOLDER TAIL	HOLD DOWN	Q'TY	GUIDE ASSY 92791-XXXX	HDR ASSY 92140-XXXX	DIM "P" (mm)	HDR COLOR	SHEET NO.	MOUNT STYLE TO PCB		
000	0	R/A	NONE		001	000	2.8	BLACK	NO.2	TOP MOUNT 92789-0XXX 		
000H	0	R/A	93925-001	4	001H	000H	2.8	BLACK				
001	0	SMT STAGGERED	NONE		001	001	—#	BLACK				
001H	0	SMT STAGGERED	93925-001	4	001H	001H	—#	BLACK				
002	0	SMT IN LINE	NONE		001	002	—#	BLACK				
002H	0	SMT IN LINE	93925-001	4	001H	002H	—#	BLACK				
020	2 (NO LOCATOR)	R/A	NONE		021	040	2.5	BLACK	NO.3	BOTTOM MOUNT 92789-5XXX 		
040	4	R/A	NONE		041	010	2.8	BLACK				
040H	4	R/A	93925-003	4	041H	010H	2.8	BLACK				
050	5	R/A	NONE		051	020	2.8	BLACK				
050H	5	R/A	93925-004	4	051H	020H	2.8	BLACK				
500	0	R/A	NONE		001	500	2.8	NATURAL	NO.4		BOTTOM MOUNT 92789-5XXX 	
500H	0	R/A	93925-001	4	001H	500H	2.8	NATURAL				
501	0	SMT STAGGERED	NONE		001	501	—#	NATURAL				
501H	0	SMT STAGGERED	93925-001	4	001H	501H	—#	NATURAL				
502	0	SMT IN LINE	NONE		001	502	—#	NATURAL				
502H	0	SMT IN LINE	93925-001	4	001H	502H	—#	NATURAL				
520	2 (NO LOCATOR)	R/A	NONE		021	540	2.5	NATURAL	NO.5			BOTTOM MOUNT 92789-5XXX 
540	4	R/A	NONE		041	510	2.8	NATURAL				
550	5	R/A	NONE		051	520	2.8	NATURAL				
550H	5	R/A	93925-004	4	051	520H	2.8	NATURAL				

NOTE

- ① OPTIONAL HOLD DOWN (-XXXH) CAN BE SELECTED FOR ONLY 0mm STAND OFF (-XX0H) VARIATION.
- ② SMT STAGGERED & IN LINE (-XX1X & -XX2X) ARE ASSIGNED TO ONLY 0mm STAND OFF (-XX0X) VARIATION.

3. ASSY PROCESS

3.1 TO MOUNT PART ①, ON PWB WITH SCREW (S1,S2) AND SOLDER.

3.2 TO JOINT PART ②, INTO PART ①, THEN FIX PART ③ WITH 2 SCREWS (S3,S4).

④ MATERIAL

4.1 PART ①, (HEADER ASSY)

HOUSING : HIGH TEMPERATURE THERMOPLASTIC UL94V-0
PIN : COPPER ALLOY
HOLD DOWN : COPPER ALLOY

4.2 PART ②, (GUIDE ASSY)

GUIDE : HIGH TEMPERATURE THERMOPLASTIC UL94V-0
PLATE : STAINLESS
EMI CONTACT : COPPER ALLOY
HOLD DOWN : COPPER ALLOY

⑤ FINISH

HDR PIN : *0.5μm MIN. Ni OVER ALL UNDER PLATING
*0.076μm MIN. Au MIN. AT CONTACT AREA

*2.5μm MIN. Sn-Pb SOLDER TAIL
OR 2.5μm MIN. Sn (FOR -XXXXLF) SOLDER TAIL

EMI CONTACT : PRE-PLATING
*0.5μm MIN. Ni OVER ALL UNDER PLATING
*0.5μm MIN. Au CONTACT AREA.

HOLD DOWN : 2.5μm MIN. Sn OVER ALL.

6. DIM"L"

4.25±0.1	3.5±0.1	5.0±0.1
OTHERS	36.67	117.34 36.61.68

7. GENERAL TOLERANCE : ±0.3

8. SEE SHEET 1,2. REGARDING COMPONENTS.

9. THIS PRODUCT MEETS EUROPEAN UNION

DIRECTIVES AND OTHER COUNTRY

REGULATIONS AS DESCRIBED IN GS-22-008.

10. PRODUCT SPEC: 110-263

* 92789-X X X X X

NOTE ③

OPTIONAL LEAD FREE

NOTE ①

OPTIONAL HOLD DOWN

NOTE ②

HDR SOLDER TAIL

STAND OFF HEIGHT
(DIM"M")

MOUNT STYLE TO PCB

NONE : N 0
LF : YES

NONE : N 0

H : YES(SEE FIGURE OF
-XXXH)

0 : R/A

1 : SMT STAGGERED

2 : SMT IN LINE

0 : 0mm(NONE)

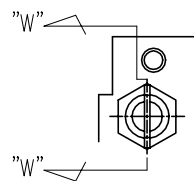
2 : 2mm

4 : 4mm

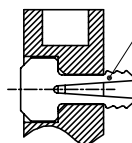
5 : 5mm

0 : TOP MOUNT

5 : BOTTOM MOUNT



92789-xxxH
(OPTIONAL HOLD DOWN)



TYP.(4)
HOLD DOWN
HEADER AND MECHANISM

rev	ecn no	dr	date
J	J05-0215	M.H	4/11/05
K	N05-0128	W.B J	05/19/05
L	N07-0114	CM	05/14/07
M	N09-0381	SH	11/30/09
N	ELX-N-01350	ZK	04/06/12

www.fciconnect.com		surface	tolerance std	projection	MM
		ANGULAR	LINEAR	size	
Dr	M.Hasegawa 4/11/05	0°±	2°	0.X ±	0.3
Eng	M.Hasegawa 4/11/05	0.XX±		0.15	
Chr		0.XX±		0.08	
Appr		Product family		Header PCMCIA SANF	Spec ref
FCI		title		68P LONG HEADER TYPE I / II / III (WITH EMI CLIP)	Rev. N
catalog no		CUSTOMER DRAWING		92789	sheet 1 of 7

A

B

C

D

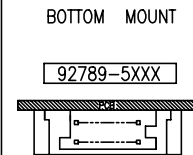
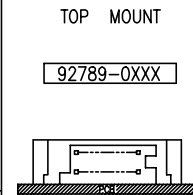
A

B

C

D

PRODUCT NO. 92789-XXXX	STAND OFF DIM "M"(mm)	HDR SOLDER TAIL	HOLD DOWN	GUIDE ASSY 92791-XXXX	HDR ASSY 92140-XXXX	DIM "P" (mm)	HDR COLOR	SHEET NO.	MOUNT STYLE TO PCB
000LF	0	R/A	NONE		001LF	000	2.8	BLACK	NO.2
000HLF	0	R/A	YES	4	001HLF	000H	2.8	BLACK	
001	0	SMT STAGGERED	NONE		001	001	—#—	BLACK	
001H	0	SMT STAGGERED	YES	4	001H	001H	—#—	BLACK	
002LF	0	SMT IN LINE	NONE		001	002	—#—	BLACK	
002H	0	SMT IN LINE	YES	4	001H	002H	—#—	BLACK	
020LF	2 (NO LOCATOR)	R/A	NONE		021LF	040	2.5	BLACK	NO.3
040LF	4	R/A	NONE		041LF	010	2.8	BLACK	
040HLF	4	R/A	YES	4	041HLF	010H	2.8	BLACK	
050LF	5	R/A	NONE		051LF	020	2.8	BLACK	
050HLF	5	R/A	YES	4	051HLF	020H	2.8	BLACK	
055LF	5	R/A	YES	2	051MH	021MLF	2.8	BLACK	
500LF	0	R/A	NONE		001LF	500	2.8	NATURAL	NO.4
500HLF	0	R/A	YES	4	001HLF	500H	2.8	NATURAL	
501	0	SMT STAGGERED	NONE		001	501	—#—	NATURAL	
501H	0	SMT STAGGERED	YES	4	001H	501H	—#—	NATURAL	
502	0	SMT IN LINE	NONE		001	502	—#—	NATURAL	
502H	0	SMT IN LINE	YES	4	001H	502H	—#—	NATURAL	
520LF	2 (NO LOCATOR)	R/A	NONE		021LF	540LF	2.5	NATURAL	NO.5
540LF	4	R/A	NONE		041LF	510LF	2.8	NATURAL	
550LF	5	R/A	NONE		051LF	520LF	2.8	NATURAL	
550HLF	5	R/A	YES	4	051LF	520HLF	2.8	NATURAL	
540HLF	4	R/A	YES	4	041HLF	510HLF	2.8	NATURAL	



NOTE

- ① OPTIONAL HOLD DOWN (—XXXH) CAN BE SELECTED FOR ONLY 0mm STAND OFF (—X0XH) VARIATION.
- ② SMT STAGGERED & IN LINE (—XX1X & —XX2X) ARE ASSIGNED TO ONLY 0mm STAND OFF (—X0XX) VARIATION.

3. ASSY PROCESS

- 3.1 TO MOUNT PART ④, ON PWB WITH SCREW (S1,S2) AND SOLDER.
- 3.2 TO JOINT PART ④, INTO PART ④, THEN FIX PART ④ WITH 2 SCREWS (S3,S4).

④ MATERIAL

4.1 PART ④, (HEADER ASSY)

HOUSING : HIGH TEMPERATURE THERMOPLASTIC UL94V-0
PIN : COPPER ALLOY
HOLD DOWN : COPPER ALLOY

4.2 PART ④, (GUIDE ASSY)

GUIDE : HIGH TEMPERATURE THERMOPLASTIC UL94V-0
PLATE
EMI CONTACT : COPPER ALLOY
HOLD DOWN : COPPER ALLOY

⑤ FINISH

HDR PIN : *0.5μm MIN. Ni OVER ALL UNDER PLATING
*0.076μm MIN. Au AT CONTACT AREA

*2.5μm MIN. Sn-Pb SOLDER TAIL
OR 2.5μm MIN. Sn (FOR —XXXXLF) SOLDER TAIL

EMI CONTACT : PRE-PLATING
*0.5μm MIN. Ni OVER ALL UNDER PLATING
*0.5μm MIN. Au CONTACT AREA.

HOLD DOWN : 2.5μm MIN. Sn OVER ALL.

6. DIM"L"

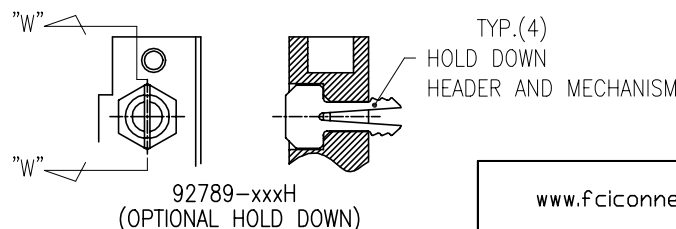
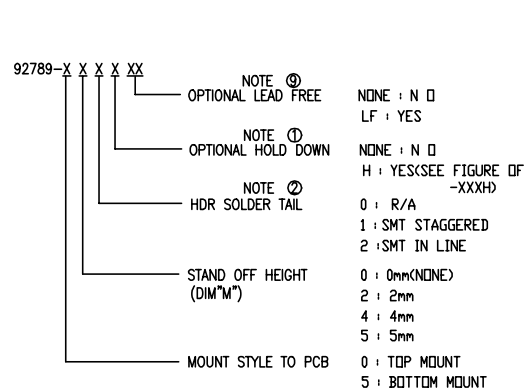
4.25±0.1	3.5±0.1	5.0±0.1
OTHERS	36.67	1.1734 35.5168

7. GENERAL TOLERANCE : ±0.3

8. SEE SHEET 1,2. REGARDING COMPONENTS.

9. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

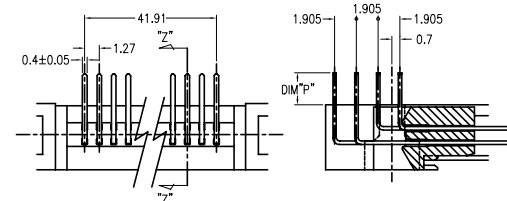
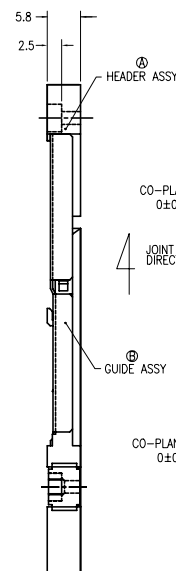
10. PRODUCT SPEC: 110-263



rev	ecn no	dr	date
N			

www.fciconnect.com		surface	tolerance std	projection	MM
		TOLERANCES UNLESS OTHERWISE SPECIFIED		size	Scale
Dr	M.Hasegawa/11/05	ANGULAR	0.X ±		
Eng	M.Hasegawa/11/05	LINEAR	0.XX ±		
Chr		0' ±	0.XXX ±		ECN
Appr		Product family		Header PCMCIA SANF	Spec ref
FCI		title		68P LONG HEADER TYPE I / II / III (WITH EMI CLIP)	Rev. N
		catalog no		CUSTOMER DRAWING	sheet 2 of 7
		dwg no		92789	

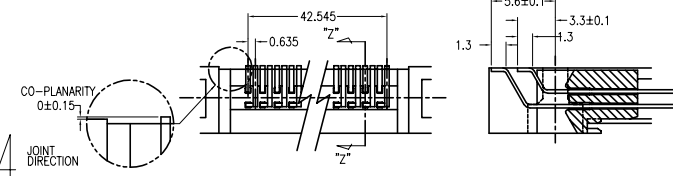
www.fciconnect.com		surface 		tolerance std		 	
		TOLERANCES UNLESS OTHERWISE SPECIFIED					
Dr	M.Hasegawa/11/05	ANGULAR	LINEAR	0.X ±		size	Scale
Eng	M.Hasegawa/11/05			0.XX ±			
Chr		0* ±	*	0.XX#		ECN	
Appr		Product family			Header PCMCIA SANF	Spec ref	
	title	68P LONG HEADER TYPE I / II / III (WITH EMI CLIP)			ou 68p	92789	Rev N
	catalog no	CUSTOMER DRAWING			sheet 4 of 7		



VIEW "Y"-Y"(4/1)

SECTION "Z"- "Z"(4/1)

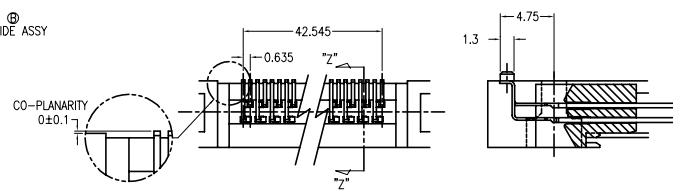
R/A (92789-500X)



VIEW "Y"- "Y"(4/1)

SECTION "Z"- "Z"(4/1)

SMT STAGGERED (92789-501X)

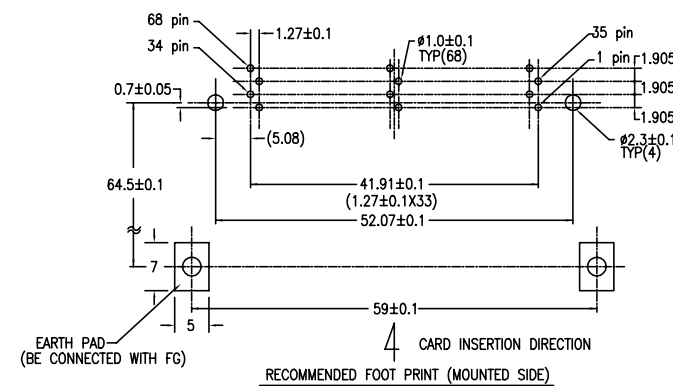
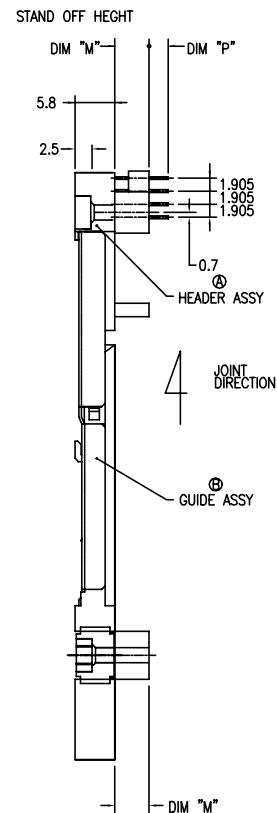
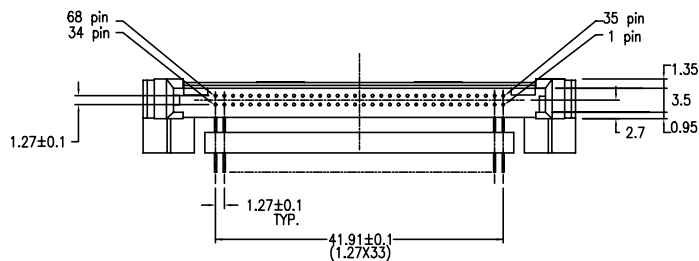


VIEW "Y"- "Y"(4/1)

SECTION "Z"- "Z"(4/1)

SMT IN LINE (92789-502X)

www.fcconnect.com		surface 		tolerance std		 	
		TOLERANCES UNLESS OTHERWISE SPECIFIED					
Dr	M.Hasegawa/11/05	ANGULAR		0.X ±		size	Scale
Eng	M.Hasegawa/11/05			0.XX ±			
Chr		0* ± *		0.XXX ±			ECN
Appr			Product family Header POMCIA SANF			Spec ref	
	title	68P LONG HEADER TYPE I / II / III (WITH EMI CLIP)			dwg no	92789	Rev N
	catalog no	CUSTOMER DRAWING			sheet 5 of 7		



www.fcconnect.com		surface 		tolerance std		 	
		TOLERANCES UNLESS OTHERWISE SPECIFIED					
Dr	M.Hasegawa/11/05	ANGULAR	LINEAR	0.X ±		size	Scale
Eng	M.Hasegawa/11/05			0.XX ±			
Chr		0* ±	*	0.XXX ±		ECN	
Appr		Product family			Header PCMCIA SANF	Spec ref	
	title			68P LONG HEADER TYPE I / II / III (WITH EMI CLIP)		ou	92789
	catalog no			CUSTOMER DRAWING		ing 6mm	
							Rev N
							sheet 6 of 7

1

2

3

4

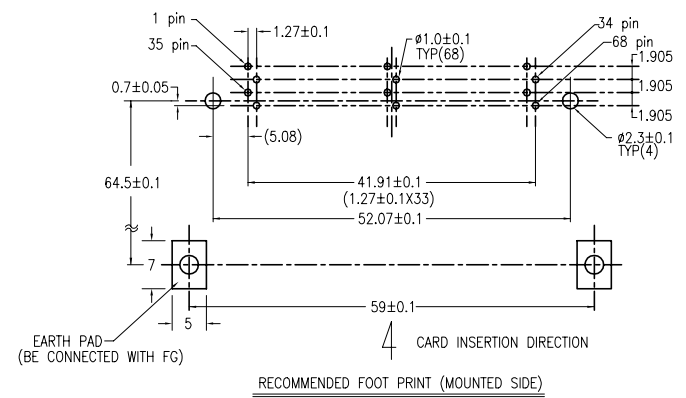
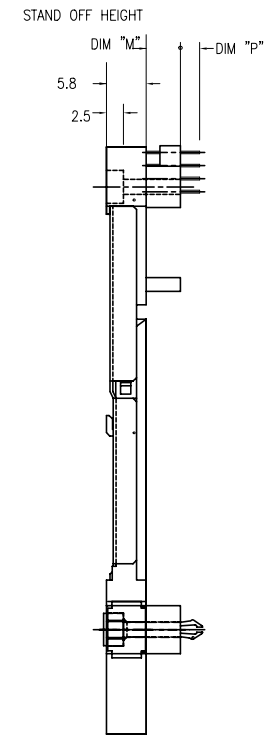
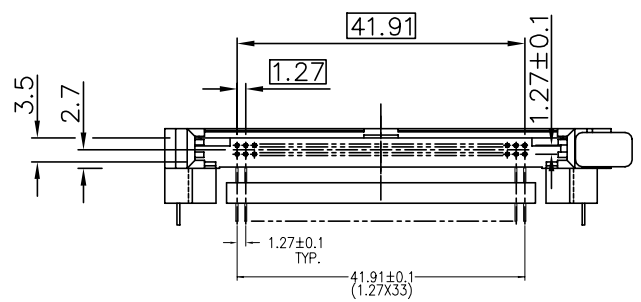
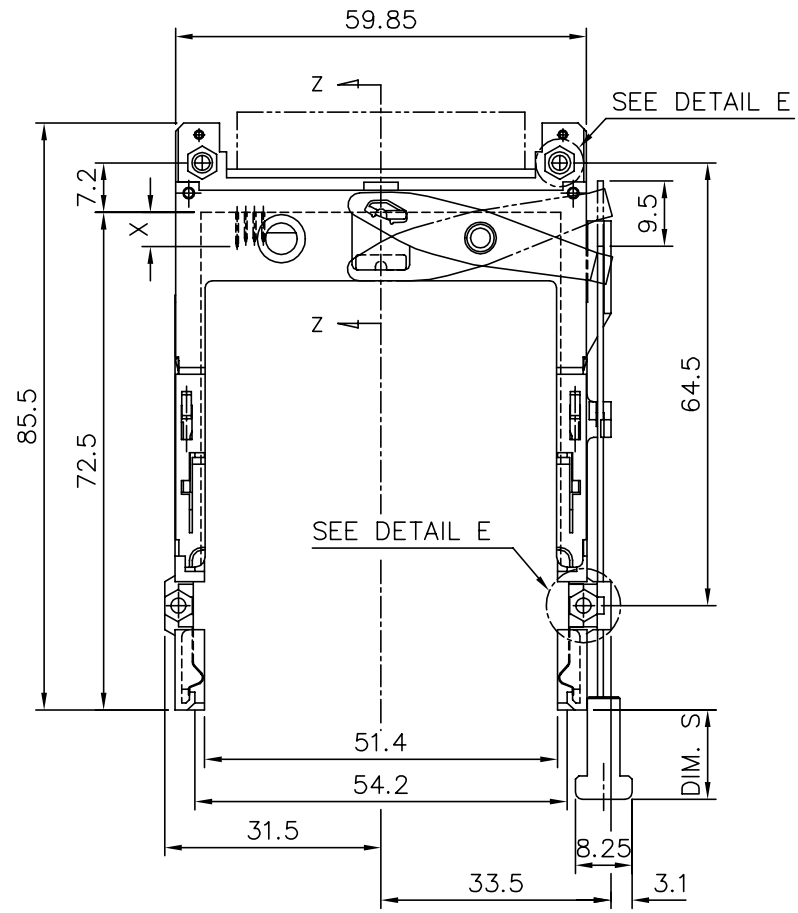
PRODUCT NO.
92789-055CALF

A

B

C

D



RECOMMENDED FOOT PRINT (MOUNTED SIDE)

Copyright FCI.

rev	ecn no	dr	date
N			

www.fciconnect.com		surface 		tolerance std					
		TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr	M.Hasegawa/11/05	ANGULAR		LINEAR	0.X ±		size	Scale	
Eng	M.Hasegawa/11/05				0.XX ±				
Chr		0° ± °			0.XXX ±				
Appr		Product family		Header PCMCIA 5ANF		ECN			
						Spec ref			
	title	68P LONG HEADER TYPE I / II / III (WITH EMI CLIP)				dwg no	92789		Rev. N
	catalog no	CUSTOMER DRAWING							
						sheet 7 of 7			

3

PDS: Rev :N

STATUS:Released

Printed: Sep 12, 2013