

PRODUCT NO.	PLATING AT CONTACT PT	HOUSING COLOR	PLATING AT SOLDER TAIL	HOLD DOWN
59333-001	0.38um/ 15u" min	BLACK	For part : 59333-xxx (CANCEL)	METAL POST
59333-101	0.38um/ 15u" min	BLUE		
59333-021	0.076um/ 3u" min	BLACK	For Leadfree part 59333-xxxF (CANCEL)	
59333-121	0.076um/ 3u" min	BLUE		

$$\frac{1}{2}$$

3

4

NOTE

1. THIS PRODUCT MEETS THE S-AIA SPEC REV. 1.0a
2. MATERIAL
- i) HOUSING : HIGH TEMPERATURE THERMOPLASTIC UL94V-0
- ii) TERMINAL : COPPER ALLOY
- iii) HOLD DOWN : COPPER ALLOY
- 3a. P/N: 59333-XXX

1) ~~TERMINAL : Au PLATING AT CONTACT POINT (REFER TABLE)~~

~~Sn-Pb PLATING AT SOLDER TAIL WITH NICKEL UNDERPLATE~~

ii) ~~HOLD DOWN: Sn-Pb PLATING~~

3b. P/N: 59333-XXXX (REFER TO LEADFREE PRODUCT)

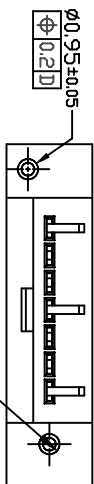
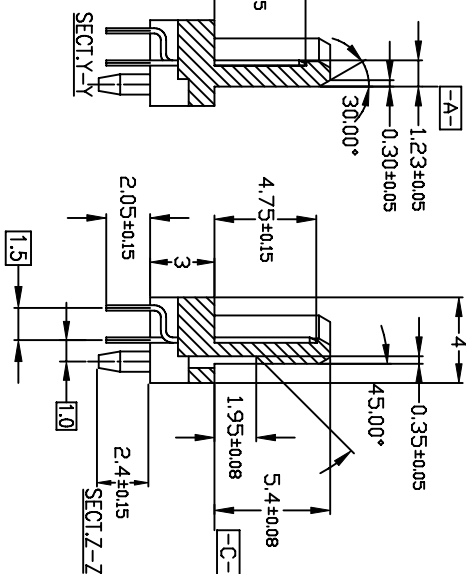
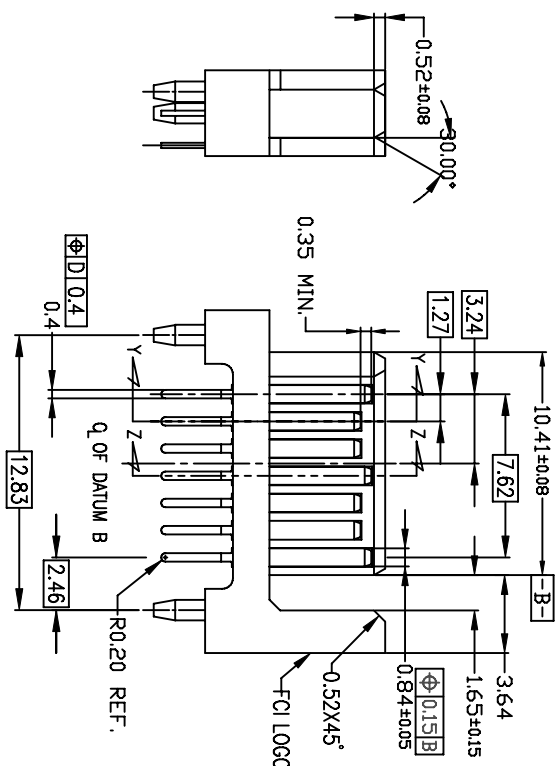
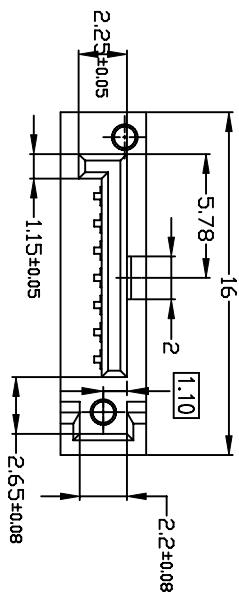
i) **TERMINAL : Au PLATING AT CONTACT POINT (REFER TABLE 3)**


Sn PLATING

ii) HOLD DOWN : Sn PLATING

4. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.6mm MINIMUM THICK CIRCUIT BOARD.

5. FOR P/N NO.: 59333-XXLF, THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008



mat'l. code				tolerances unless otherwise specified				CUSTOMER COPY		FCI www.fciconnect.com												
ltr	ecn no	dr	date	.X ± 0.30		projection		title														
A	S03-0057	JPEH	04/15/03	.XX ± 0.20				S-ATA SIGNAL PLUG DIP VERTICAL TYPE ASS'Y														
B	S03-0162	JPEH	11/03/03	.XXX ± 0.10																		
C	S04-0170	JPEH	08/04/04	angles		0° ±2°																
D	S04-0244	GLL	11/16/04	dr		JPEH		04/15/03														
E	T06-0189	S.Lin	11/16/06	engr		JPEH		04/15/03														
				chr		GL LOO		11/16/04														
				pppd		JOEY NG		11/16/04														
sheet	revision		E	E																		
index	sheet		1	2																		



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S-ATA SIGNAL PLUG
DIP VERTICAL TYPE ASS'Y

Family SATA

TWN

1 of 1

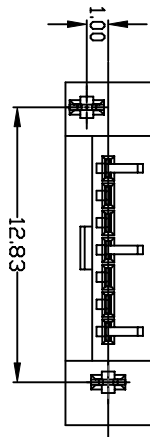
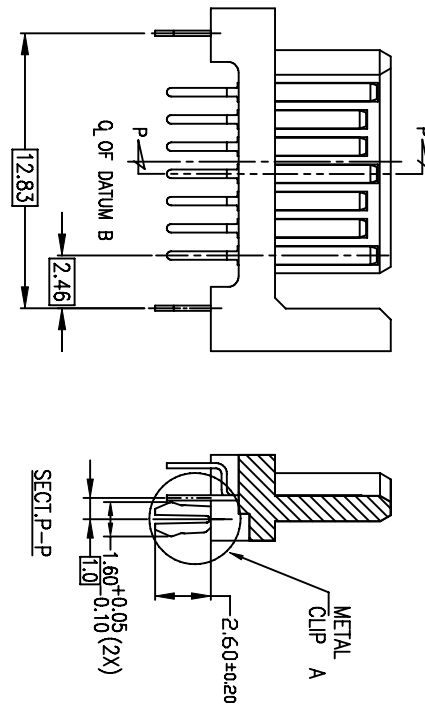
1 | 2

3

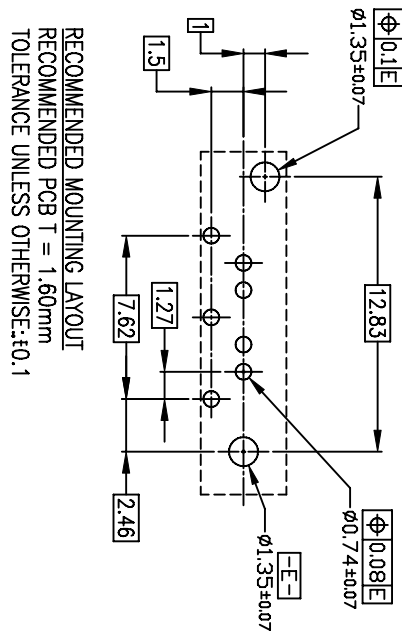
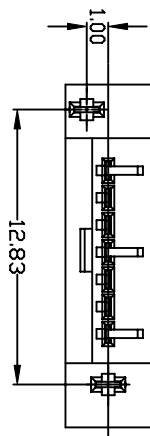
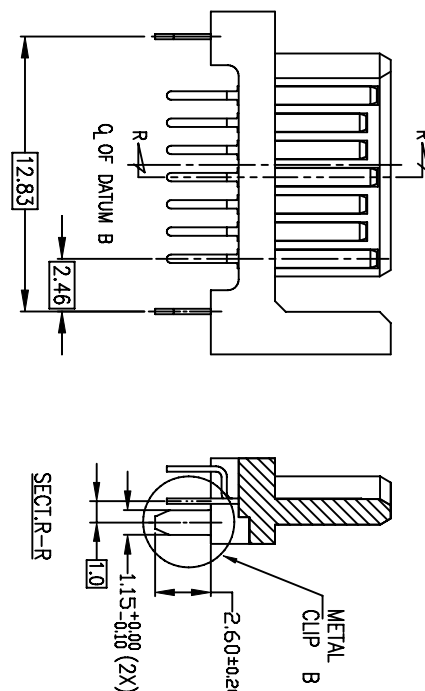
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PRODUCT NO.	PLATING AT CONTACT PT	HOUSING COLOR	PLATING AT SOLDERTAIL	HOLD DOWN
59333-002LF	0.38um/ 15u" min	BLACK	For part : 59333-xxx (CANCEL)	METAL CLIP A
59333-102LF	0.38um/ 15u" min	BLUE		
59333-022LF	0.076um/ 3u" min	BLACK	For Leadfree part 59333-xxxLF	
59333-122LF	0.076um/ 3u" min	BLUE	Refer Note 3b & 5	



PRODUCT NO.	PLATING AT CONTACT PT	HOUSING COLOR	PLATING AT SOLDERTAIL	HOLD DOWN
59333-003LF	0.38um/ 15u" min	BLACK	For part : 59333-xxx (CANCEL)	METAL CLIP B
59333-103LF	0.38um/ 15u" min	BLUE		
59333-023LF	0.076um/ 3u" min	BLACK	For Leadfree part 59333-xxxLF	
59333-123LF	0.076um/ 3u" min	BLUE	Refer Note 3b & 5	



RECOMMENDED MOUNTING LAYOUT
RECOMMENDED PCB T = 1.60mm
TOLERANCE UNLESS OTHERWISE:±f0.1

mot'l. code		tolerances unless otherwise specified		CUSTOMER COPY		title	
lir	ecn no	dr	date	lineor	projection	product family	code
A	S03-0057	JPEH	04/15/03	.XX ± 0.30	MM	S-ATA SIGNAL PLUG	TWN
B	S03-0162	JPEH	11/03/03	.XXX ± 0.10	MM	DIP VERTICAL TYPE ASS'y	2 of
C	S04-0170	JPEH	08/04/04	0° ± 2°	MM	SATA	
D	S04-0244	GIL	11/16/04	JPEH	MM		
E	T06-0189	S.Lin	11/16/06	engr JPEH	MM		
sheet revision		chr GL L00	11/16/04	appr JOEY NG	scale	product family	code
index sheet		1	2		N/A	59333	TWN

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