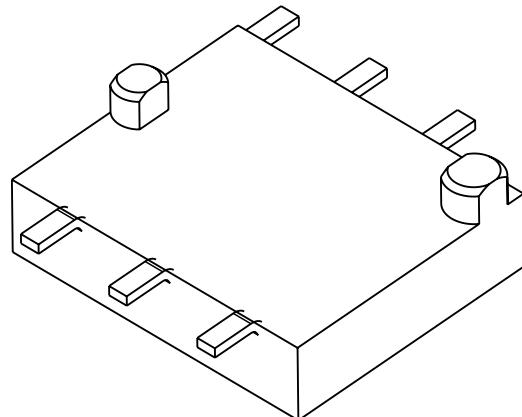
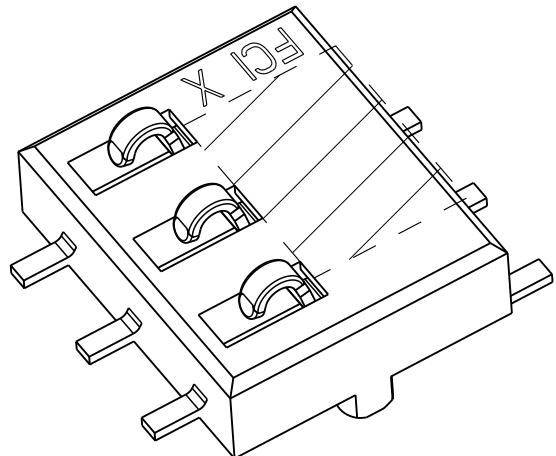


PRODUCT NO	PLATING SPEC	HOUSING MAT'L	COLOUR
10013365-001	NOTE 2A	PPS	NATURAL
10013365-002LF	NOTE 2B		
10013365-003LF	NOTE 2C		
10013365-003TRLF		LCP	BLACK
10013365-101	NOTE 2A		
10013365-102LF	NOTE 2B		
10013365-103LF	NOTE 2C		
10013365-103TRLF			



NOTES:(UNLESS OTHERWISE SPECIFIED)

## 1. MATERIALS:

- A. HOUSING:HIGH TEMPERATURE THERMOPLASTIC 
- B. CONTACTS: PHOSPHOR BRONZE

## 2. PLATING SPEC :

- A. THE MATING AREA AND THE SOLDER TAIL AREA SHALL BE 150 $\mu$ " MIN./250 $\mu$ " MAX. SnPb, OVER 50 $\mu$ " MIN./100 $\mu$ " MAX. Ni. (NOTE 7 NOT APPLICABLE).
- B. THE MATING AREA AND THE SOLDER TAIL AREA SHALL BE 150 $\mu$ " MIN./250 $\mu$ " MAX. MATTE PURE Sn(LEAD FREE), OVER 50 $\mu$ " MIN./100 $\mu$ " MAX. Ni.
- C. THE CONTACT SHALL HAVE 2 $\mu$ " MIN./10 $\mu$ " MAX. GOLD FLASH OVERALL. THE MATING AREA SHALL HAVE 3 $\mu$ " MIN. GOLD FLASH, OVER 50 $\mu$ " MIN./100 $\mu$ " MAX. Ni.

## 3. FCI ID OR LOGO AND CAVITY NUMBER TO BE IN AREA INDICATED. HEIGHT OF LETTERING TO BE FLUSH TO 0.254mm BELOW SURROUNDING SURFACE. HIGH SHINE MARKING IS ACCEPTABLE.

## 4. FLASH MUST REMAIN WITHIN THE SIZE LIMITS ESTABLISHED BY THE TOLERANCE. NO FLASH IS ALLOW ON DATUM SURFACES AND LOOSE FLASH MUST BE REMOVED. EJECTOR MARKS TO BE FLUSH TO 0.254mm BELOW SURROUNDING SURFACE. DO NOT USE SILICONE MOLD RELEASE

## 5. RELIABLE CONTACTS FORCE SHALL BE MET.

- A. COMPRESSIBLE CONTACTS SHALL HAVE A 140  $\pm$ 30 GRAM FORCE AT 2.05mm HEIGHT ABOVE DATUM  AS RECEIVED AND AFTER 20 CYCLES.
- B. CONTACT SURFACE TO BE ROUNDED WITH CONTINOUS SURFACE CONTACT AND NO SHARP EDGES.
- C. THE MAXIMUM CURRENT THROUH EACH MATED CONTACT SHALL BE 1.0 AMP.

## 6. DIMENSIONS AND GEOMETRIC TOLERANCES ARE IN METRIC (mm).

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

## 8. THE HOUSING WILL WITHSTAND EXPOSURE TO 255°C PEAK TEMPERATURE FOR 10 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.

## 9. 10013365-XXXLF IS THE SAME TO 10013365-XXX. THE "LF" IS ADDED FOR EASY LEAD FREE IDENTIFICATION.

10 MATING AREA IS DEFINED AS THE SURFACE OF THE CONTACT BETWEEN POINT 'A' AND POINT 'B'.

11. A  BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

Material	Spec ref	tolerance	projection	MM
Mat code		ASME Y14.5		
Heatreat		-		
Plating/Finish	ASME Y14.5	-		
Dr KP TAY	03APR03			
Eng KP TAY	2008-02-29	Product family		
Chr KP TAY	2008-02-29	Model Name	10013365C	ECN S08-0058
Appr JOEY NG	2008-02-29	Model Revision	I	REL Level RELEASED
size A4	Scale 8:1			

FCI COMPRESSION CONNECTORS  
3 PINS SMT

dwg no	10013365	Rev.
CUSTOMER	sheet 1 of 2	

rev	ecn no	dr	date
A	S03-0050	TAY	03APR03
B	S04-0011	TAY	19JAN04
C	S05-0130	TAY	29APR05
D	S05-0283	TAY	03OCT05
LINEAR	0.X $\pm$ 0.15	E	S06-0034 TAY 06FEB06
	0.XX $\pm$ 0.076	F	S06-0257 TAY 31JUL06
	0.XXX $\pm$ ---	G	S08-0058 TAY 2008-02-29
ANGULAR	0° $\pm$ 2°		

