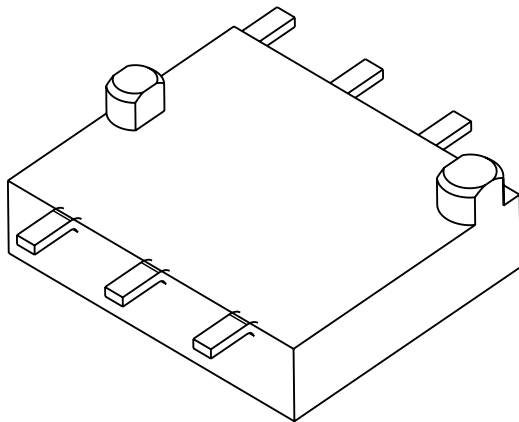
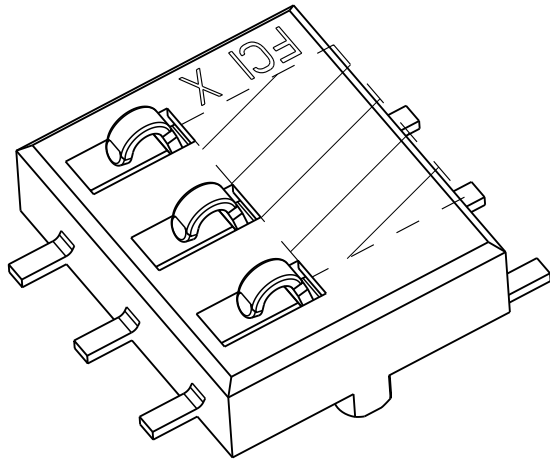


PRODUCT NO	PLATING SPEC	HOUSING MAT'L	COLOUR
10013365-001	NOTE 2A	PPS	NATURAL
10013365-002LF	NOTE 2B		
10013365-003LF	NOTE 2C		
10013365-003TRLF			
10013365-101	NOTE 2A	LCP	BLACK
10013365-102LF	NOTE 2B		
10013365-103LF	NOTE 2C		
10013365-103TRLF			



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 150u" MIN./250u" MAX. SnPb, OVER 50u" MIN./100u" MAX. Ni. (NOTE 7 NOT APPLICABLE).  
B. THE MATING AREA AND THE SOLDER TAIL AREA SHALL BE 150u" MIN./250u" MAX. MATTE PURE Sn (LEAD FREE), OVER 50u" MIN./100u" MAX. Ni.  
C. THE CONTACT SHALL HAVE 2u" MIN./10u" MAX. GOLD FLASH OVERALL. THE MATING AREA SHALL HAVE 3u" MIN. GOLD FLASH, OVER 50u" MIN./100u" 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 ±30 GRAM FORCE AT 2.05mm HEIGHT ABOVE DATUM  AS RECEIVED AND AFTER 20 CYCLES.  
B. CONTACT SURFACE TO BE ROUNDED WITH CONTINUOUS SURFACE CONTACT AND NO SHARP EDGES.  
C. THE MAXIMUM CURRENT THROUGH 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.


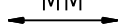

 MATING AREA IS DEFINED AS THE SURFACE OF THE CONTACT BETWEEN POINT 'A' AND POINT 'B'.

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

TOLERANCES UNLESS OTHERWISE SPECIFIED

		0.X	±0.15	E	S06-0034	TAY	06FEB06
LINEAR		0.XX	±0.076	F	S06-0257	TAY	31JUL06
		0.XXX	±---	G	S08-0058	TAY	2008-02-29
ANGULAR		0°	±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
E	S06-0034	TAY	06FEB06
F	S06-0257	TAY	31JUL06
G	S08-0058	TAY	2008-02-29

Material				Spec ref -			
Mat code				✓ ASME Y14.5	tolerance ASME Y14.5 -	projection 	MM 
Heat treat							
Plating/Finish							
Dr	KP TAY	03APR03				size A4	Scale 8:1
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
		title COMPRESSION CONNECTORS 3 PINS SMT			dwg no 10013365		Rev. G
Pro/E file		catalog no			CUSTOMER		sheet 1 of 2

