

## Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[FCI](#)  
[10019594-001GLF](#)

For any questions, you can email us directly:  
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

PRODUCT NO
10019594-001
10019594-001LF

NOTES: (UNLESS OTHERWISE SPECIFIED)

1. MATERIALS:

A. HOUSING: 30 PERCENT GLASS FILLED LCP.  
COLOUR: BLACK

B. CONTACTS: PHOSPHOR BRONZE.

PLATING: 50µ" Ni UNDERPLATE OVERALL WITH ONE OF THE FOLLOWING:

A. 2-5 µ" GOLD FLASH OVERALL

B. SELECTIVE GOLD FLASH 2-5µ" ON CONTACT AREA AND 75µ" TIN-LEAD ON SOLDER TAILS (NOTE 7 NOT APPLICABLE)

2. RELIABLE CONTACT FORCE SHALL BE MET.

▲A. CONTACT FORCE: 65±35 GRAMS EACH CONTACT AT A WORKING HEIGHT OF 2.11mm ABOVE DATUM 'C'.

B. CONTACT CURRENT RATING: 1 AMP MINIMUM.

C. CONTACT RETENTION: 200 GRAMS MINIMUM PER CONTACT.

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

4. 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.

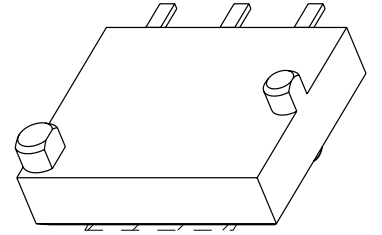
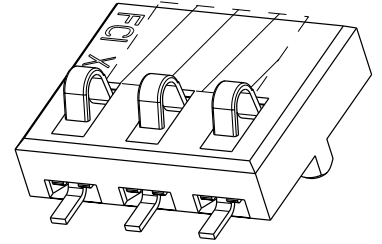
5. ALL IDENTIFIED CRITICAL PARAMETERS '▲' MUST MEET THE PROCESS AND CAPABILITY REQUIREMENTS OF CUSTOMER'S SPECIFICATION.

6. DIMENSIONS AND GEOMETRIC TOLERANCES ARE IN METRIC.

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

8. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.

9. 10019594-001LF IS SAME TO 10019594-001. THE "LF" IS ADDED JUST FOR EASY LEAD FREE IDENTIFICATION.



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www.fciconnect.com				surface	tolerance std	projection	MM
				ASME Y14.5			
TOLERANCES UNLESS OTHERWISE SPECIFIED				ANGULAR	LINEAR	size	Scale
				0.X	0.XX	A4	8:1
				0'.XX	0.XXX	ECN	S07-0259
				0' ±3"		Spec ref	
Dr	KP TAY	2003-01-22					
Eng	KP TAY	2007-07-19					
Chr	KP TAY	2007-07-19					
Appr	JOEY NG	2007-07-19					
FCI			COMPRESSION CONNECTOR		diag no	10019594	Rev. D
			3 PINS SMT				
			catalog no		CUSTOMER		sheet 1 of 2

REV F - 2006-06-17

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PDM: Rev:D

STATUS: Released

4 Printed: Nov 30, 2010

