







(I) MAT'L:

HOUSING: LCP CONTACT: COPPER ALLOY

PLATING (CONTACT): Au OVER Ni.

UL RATING: 94 V-O

SOLDER BALL: (SEE TABLE) EUTECTIC SnPb OR LEADFREE 95.5 Sn/4Aa/0.5Cu

- (2) SOLDER BALLS WILL NOT BE PERFECT SHPERICAL SHAPE DUE TO REFLOW ATTACHMENT.
- MATED HEIGHT EFFECTED BY CUSTOMERS' PCB PAD SIZE, PLATING, SOLDER REFLOW PROFILE & SOLDER PASTE.
- CONTACTS IN ROWS A,C,E,G,J,K,M,P,R AND T ARE SINGLE BEAM CONTACTS. TYPICALLY USED AS GROUND PINS. (NOTE: CONTACTS IN ROWS J & K ARE TIED TOGETHER [COMMONED])
- (5) CONTACTS IN ROWS B.D.F.H.L.N.Q AND S ARE DUAL BEAM CONTACTS. TYPICALLY USED AS SIGNAL PINS.

- SPECIFIED POSITIONAL TOLERANCE DEFINES PAD TO PAD LOCATION WITHIN LAND PATTERN. POSITIONAL TOLERANCE OF LAND PATTERN TO FUDICIAL MARKS OR PCB DATUMS SHALL BE DEFINED BY CUSTOMER. FOR RECOMMENDED PRODUCT APPLICATION AND PCB DESIGN DETAILS. SEE DOC. NO. GS-20-016
- FOR PROPER APPLICATION FOLLOW FCI APPLICATION SPECIFICATION GS-20-033 LEADFREE SOLDER BALLS WILL NOT SOLDER PROPERLY IN A LEADED SOLDER PROCESS DUE TO A HIGHER REFLOW TEMERATURE. LEAD FREE PRODUCT IS THEREFORE NOT BACKWARDS COMPATIBLE WITH LEADED OR SOME SOLDERING APPLICATIONS. REFERENCE FCI APPLICATION SPECIFICATION.
- THIS PRODUCT MEETS THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008 PRODUCT MEETING THIS DIRECTIVE IS IDENTIFIED IN THE LOT CODE NEMBER MARKED ON EACH PART BY HAVING AN "X" IN THE SEVENTH CHARACTOR POSITION.

| spec ref | - | | | dr | Bill Lin | | 2010/02/02 | proj | ection | | 00 00 | size | S C | a l e | |
|---------------|--|-------|-------|------|----------------|-------------|--------------|---------|----------|---------|------------|-----------|---------|-----------------|--|
| tolerance std | TOLERANCES UNLESS OTHERWISE SPECIFIED | | | eng | | | 2011/06/13 | | -[-] | | mm | A 4 | 1 | 1:1 | |
| ASME YI4.5 | | | | chr | | | 2011/06/24 | | | - | - | ecn no | | ELX-DG-003943-1 | |
| - | | | | appr | Pei-Ming Zheng | | 2011/06/27 | product | family | (| GG-Array | rel level | R | eleased | |
| surface 🗸 | linear | 0.X | ±0.30 | | C : | Ф (I | C Array | | | | 0 U | | | rev | |
| | | 0.XX | ±0.10 | | | ± GIG-Array | | | | | 5 | 10055142 | 42 | | |
| | | 0.XXX | ±0.05 | | | + 13m | nm PLUG ASSY | . 200 S | IG. POS. | | ×ρ | | | G | |
| = | angular | 0° | ±2° | www. | fci.com | cat. no | ٥. | | Pro | oduct - | - Customer | Drw | sheet 5 | of 5 | |

Pro/E File - REV C - 2009-06-09

PDS: Rev:G

STATUS:Released

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