

| LOC |    | DIST |     | REVISIONS                    |           |     |      |  |
|-----|----|------|-----|------------------------------|-----------|-----|------|--|
| GP  | 00 | P    | LTR | DESCRIPTION                  | DATE      | DWN | APVD |  |
|     |    |      | A   | NEW DRAWING PER RTS 613291.2 | 29FEB2012 | KH  | AS   |  |
|     |    |      |     |                              |           |     |      |  |
|     |    |      |     |                              |           |     |      |  |
|     |    |      |     |                              |           |     |      |  |

- △ HOUSING: LCP, UL94V0, COLOR: BLACK.  
CONTACT: PHOSPHOR BRONZE.  
POST: BRASS WIRE
- △ CONTACT: 1.27μm MIN GOLD IN PAD CONTACT AREA  
1.27μm MIN TIN-LEAD ON PCB TAIL  
OVER 1.27μm MIN NICKEL OVER ALL.  
POST 1.27μm MIN NICKEL PLATED.
- △ PLATED THROUGH HOLE REQUIREMENTS  
PER 114-13056, FIGURE 4.
- △ SEE TABLE FOR INTERCONNECTIONS TO  
BACKPLANE CONNECTOR.

TABLE 1  
INTERCONNECTIONS WITH BACKPLANE CONNECTOR 1410140


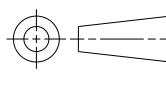
| TYPICAL INTERCONNECTIONS FOR<br>EACH EVEN-NUMBERED<br>COLUMN (WAFER): 2 |                                  |                               |
|---|----------------------------------|-------------------------------|
| CONTACT<br>USAGE  | DAUGHTERCARD<br>CONNECTOR<br>PIN | BACKPLANE<br>CONNECTOR<br>PIN |
| SIGNAL<br>PAIR  | bx                               | cx                            |
|   | cx                               | dx                            |
| SIGNAL<br>PAIR  | ex                               | gx                            |
|   | fx                               | hx                            |
| GROUND  | ax, dx, gx,<br>(ALL COMMONED)    | ax, bx, ex,<br>fx, ix         |

| TYPICAL INTERCONNECTIONS FOR<br>EACH ODD-NUMBERED<br>COLUMN (WAFER): 1 |                                  |                               |
|--|----------------------------------|-------------------------------|
| CONTACT<br>USAGE   | DAUGHTERCARD<br>CONNECTOR<br>PIN | BACKPLANE<br>CONNECTOR<br>PIN |
| SIGNAL<br>PAIR   | ax                               | ax                            |
|  | bx                               | bx                            |
| SIGNAL<br>PAIR   | dx                               | ex                            |
|  | ex                               | fx                            |
| SIGNAL   | gx                               | ix                            |
| GROUND   | cx, fx<br>(ALL COMMONED)         | cx, dx, gx, hx                |

| TYPICAL INTERCONNECTIONS FOR<br>EACH COLUMN (WAFER): 3-16 |                                  |                               |
|---|----------------------------------|-------------------------------|
| CONTACT<br>USAGE  | DAUGHTERCARD<br>CONNECTOR<br>PIN | BACKPLANE<br>CONNECTOR<br>PIN |
| SIGNAL  | ax                               | bx                            |
| SIGNAL  | bx                               | cx                            |
| SIGNAL  | dx                               | ex                            |
| SIGNAL  | fx                               | gx                            |
| SIGNAL  | gx                               | hx                            |
| GROUND  | cx, ex,<br>(ALL COMMONED)        | ax, dx,<br>fx, ix             |

NOTE: "x" DESIGNATES THE COLUMN NUMBER

|         |           |
|---------|-----------|
| △       | 1410367-3 |
| PLATING | PART NO   |

|   |   |                                      |  |  |
|---|---|--------------------------------------|--|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.  |   | DWN<br>KIRAN HOLAL<br>29FEB2012      |  TE Connectivity                                    |  |
| DIMENSIONS:<br>mm   |   | CHK<br>SHARPE ALEXANDER<br>29FEB2012 |  |  |
|  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED: |                                      | NAME<br>RIGHT-ANGLE PLUG ASSEMBLY, 7 ROW, CENTER,<br>20.3 MM DIFFERENTIAL PAIR AND SINGLE ENDED<br>MultiGig RT2, DAUGHTERCARD CONNECTOR. |  |
|   | 3 PLC ±.5                                 |                                      | PRODUCT SPEC   |  |
|   | 2 PLC ±0.13                               |                                      | 108-2012   |  |
|   | 5 PLC ±.5                                 |                                      | APPLICATION SPEC   |  |
| MATERIAL  | 4 PLC ±.5                                 |                                      | 114-13056  |  |
|   | FINISH                                    |                                      | SIZE CAGE CODE DRAWING NO  |  |
| WEIGHT  |   | A100779                              | C=1410367  |  |
| CUSTOMER DRAWING  |   | SCALE 6:1                            | SHEET 1 OF 1   |  |
|   |   |                                      | REV A  |  |

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[1410367-3](#)