



ACAD

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| mat'l. code |          | ecn no |          | dr          |            | dtdt       |             | tolerances unless otherwise specified |                       | CUSTOMER COPY      |       | title |  |
|-------------|----------|--------|----------|-------------|------------|------------|-------------|---------------------------------------|-----------------------|--------------------|-------|-------|--|
| A           | T05-0046 | J.H    | 2/23/05  | linear      | .XX ± 0.25 | projection | MM          | product family                        | PCI-E INTEGRATED TYPE | www.fciconnect.com | code  | TWN   |  |
| B           | T05-0067 | J.H    | 3/28/05  | .XXX ± 0.10 | 0° ± 2°    | scdle      | 1:1         | size                                  | EDGE CARD             |                    | sheet | 1 of  |  |
| C           | T05-0227 | J.H    | 09/30/05 | angles      |            | chr        | STERLING LN | 2/23/05                               |                       |                    |       |       |  |
| D           | T06-0187 | J.H    | 11/13/06 | dr          | JASON HSU  | 2/23/05    |             |                                       |                       |                    |       |       |  |
| E           | T07-1125 | J.H    | 08/02/07 | engr        | JASON HSU  | 2/23/05    |             |                                       |                       |                    |       |       |  |
|             |          |        |          | qppd        | HC LIOU    | 2/23/05    |             |                                       |                       |                    |       |       |  |





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NOTES: 1. MATERIAL:

HOUSING: THERMOPLASTIC WITH GLASS FIBER, UL94V-0, COLOR IN BLACK.  
LATCHES: THERMOPLASTIC WITH GLASS FIBER, UL94 HB, COLOR IN BLACK.  
CONTACTS: COPPER ALLOY.  
BOARDLOCKS: COPPER ALLOY.

2. FINISH:

CONTACTS: GOLD PLATING ON CONTACT AREA,  
100u"MIN. TIN/LEAD OR 60u" MATTE TIN (LEAD FREE OPTION) PLATING ON SOLDERTAILS,  
50u"MIN. NICKEL UNDERPLATING OVER ALL.  
BOARDLOCKS : 100u" TIN/LEAD OR MATTE TIN (LEAD FREE OPTION) PLATING ON SOLDERTAILS,  
50u"MIN. NICKEL UNDERPLATING OVER ALL.

3. WARNING: THE MAXIMUM ALLOWABLE ANGLE TO WITHDRAWAL THE DAUGHTER CARD FROM RETAINER BY 20 DEGREE.  
4. DURABILITY: 50 CYCLES.

5. ROHS COMPATIBLE PRODUCT SPECIFICATIONS

a. PLATING: "LF" MEANS THE PRODUCT IS LEAD FREE, 2.5um min. MATTE PURE TIN OVER 1.27um MIN. NICKEL UNDERPLATE.  
b. MANUFACTURING PROCESS COMPATIBILITY: THE HOUSING WILL WITHSTAND EXPOSURE TO 260C±5C SOLDER BATH TEMPERATURE FOR 5 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.60MM THICK CIRCUIT BOARD.

PRODUCT NUMBER CODE

10046742 -X X X X X X X X LF

HOUSING COLOR OPTIONS

- 1-BLACK FOR BASE & RM
- 2-BLACK FOR BASE & WHITE FOR RM
- 3-BLUE (287U) FOR BASE & RM
- 4-BLUE (297U) FOR BASE & RM

PEGS OPTIONS

- 1-METAL & PLASTIC COMPOUND

TERMINAL PLATING OPTIONS

- 0-50u" Ni: UNDERPLATE
- 30u" Au CONTACT AREA
- 100u" TIN TAIL AREA
- 1-50u" Ni: UNDERPLATE
- 15u" Au CONTACT AREA
- 100u" TIN TAIL AREA
- 2-50u" Ni: UNDERPLATE
- GOLD FLASH CONTACT AREA
- 100u" TIN TAIL AREA
- 3-50u" Ni: UNDERPLATE
- 30u" Au CONTACT AREA
- 100u" TIN/LEAD TAIL AREA
- 4-50u" Ni: UNDERPLATE
- 15u" Au CONTACT AREA
- 100u" TIN/LEAD TAIL AREA
- 5-50u" Ni: UNDERPLATE
- GOLD FLASH CONTACT AREA
- 100u" TIN/LEAD TAIL AREA

APPLICATIONS

BLANK - LEAD CONTAIN FOR PLATING OPTIONS 3,4,5  
LF - LEAD FREE FOR PLATING OPTIONS 0,1,2

PACKAGING OPTIONS

- T-TRAY PACKAGING

POS OPTIONS

- 3-164

TAIL LENGTH OPTION (DIM A)

- 1- 3.10MM
- 2- 2.30MM

| mat'l. code | ecn no   | dr | date | linear                 | angular                  | tolerances unless otherwise specified | projection | title                                | product family | code |
|-------------|----------|----|------|------------------------|--------------------------|---------------------------------------|------------|--------------------------------------|----------------|------|
| E           |          |    |      | .XX ± 0.25             | 0° ±2°                   |                                       | MM         | PCI-E INTEGRATED TYPE CARD EDGE ASSY | EDGE CARD      | TWIN |
|             |          |    |      | .XXX ± 0.10            |                          |                                       |            |                                      |                | 3 of |
|             |          |    |      | engr JASON HSU 2/23/05 | chr STERLING LIN 2/23/05 |                                       |            |                                      | 10046742       |      |
|             |          |    |      | pppl HC LIOU 2/23/05   |                          |                                       |            |                                      |                |      |
| sheet       | revision |    |      |                        |                          |                                       |            |                                      |                |      |
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code code  
22526