





| PRODUCT NO | TAIL TYPE | PEG TYPE | DIM A | ROW | 1  |    |    |    |    |    |    |    |    |    | 2  |    |    |    |    |    |    |    |    |    | 3  |    |    |    |    |    |    |    |    |    | 4  |    |    |   |   |   |   |   |   |   |   |   |
|------------|-----------|----------|-------|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|
|            |           |          |       |     | 42 | 41 | 40 | 39 | 38 | 37 | 36 | 35 | 34 | 33 | 32 | 31 | 30 | 29 | 28 | 27 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
| 73944-X020 | PRESS     | PRESS    | 2.90  | E   | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | - | - | - | - | - | - | - |   |   |
|            |           |          |       | D   | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X | X | X | X | X | X | X | X |   |
|            |           |          |       | C   | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X | X | X | X | X | X | X | X | X |
|            |           |          |       | B   | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X | X | X | X | X | X | X | X | X |
|            |           |          |       | A   | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X | X | X | X | X | X | X | X | X |

NOTES:

- CONNECTOR MATERIALS:  
HOUSING: LCP, 30% GLASS FILLED,  
UL 94-V0 COMPLIANT  
TERMINAL: PHOSPHOR BRONZE ALLOY
- PLATING ON TAIL:  
PRESS-FIT TYPE  
73944-XYX IS 0.5-1.5um SnPb  
73944-XYLF IS 0.5-1.5um Sn (LEAD FREE)  
SOLDER-TO-BOARD TYPE  
73944-XYX IS 2-8um SnPb  
73944-XYLF IS 2-8um Sn (LEAD FREE)
- PRODUCT SPECIFICATION:  
GS-12-002
- APPLICATION SPECIFICATIONS:  
BUS-20-061  
GS-20-001  
TA-941
- PRODUCT MARKING: (PART NUMBER & LOT CODE).
- INDICATED HOLES ARE UNPLATED.
- DIAMOND LOCATION PEG ARE ONLY EXISTED ON THE BOTH SIDES OF PRODUCT.
- TOP SURFACE OF PRESS BLOCK MAY EXTEND UP TO 0.4MM HIGHER THAN HOUSING. THIS MAY AFFECT THE TAIL LENGTH BEFORE APPLICATION TO A BOARD.
- DIMENSION APPLIES TO BOTH PRESS-FIT AND SOLDER TAIL TERMINATIONS.
- THESE PRODUCTS WHERE THE PART NUMBER ENDS IN "LF" MEET THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.  
  
ALL PRODUCTS MANUFACTURED BEFORE APRIL 2006 WILL WITHSTAND EXPOSURE TO 240°C FOR 60 SECONDS IN A CONVECTION, INFAR-RED OR VAPOR PHASE REFLOW OVEN.  
  
ALL PRODUCTS MANUFACTURED AFTER MARCH 2006 WILL WITHSTAND EXPOSURE TO 260°C FOR 60 SECONDS IN A CONVECTION, INFAR-RED OR VAPOR PHASE REFLOW OVEN.
- FOR LEAD FREE PART NUMBERS ADD "LF" SUFFIX. EXAMPLE: 73944-XYXYLF.

| LOAD PATTERN |            |
|--------------|------------|
| X            | LOADED     |
| -            | NOT LOADED |

| mat'l. code |                |    |      | tolerances unless otherwise specified |                        | CUSTOMER COPY | www.fciconnect.com                                                |  |        |
|-------------|----------------|----|------|---------------------------------------|------------------------|---------------|-------------------------------------------------------------------|--|--------|
| ltr         | ecn no         | dr | date |                                       |                        |               |                                                                   |  |        |
| L           |                |    |      | linear                                | .XX ±.13<br>.XXX ±.051 | projection    | title<br>B SERIES R/A SIGNAL RECEPT ASSY,<br>5 ROW, 7 MOD, PF/STB |  |        |
|             |                |    |      | angles                                | 0° ±2°                 |               |                                                                   |  |        |
|             |                |    |      | dr                                    | T. BREWBAKER 10/16/98  | MM            | product family METRAL                                             |  | code   |
|             |                |    |      | engr                                  | C. PENDLETON 10/16/98  | ←             | size/ dwg no                                                      |  | 213    |
|             |                |    |      | chr                                   | C. PENDLETON 10/16/98  | →             | A 73944                                                           |  | sheet  |
|             |                |    |      | app                                   | C. PENDLETON 10/16/98  | scale 1:1     |                                                                   |  | 2 of - |
| sheet index | revision sheet |    |      |                                       |                        |               |                                                                   |  |        |

cage code  
22526