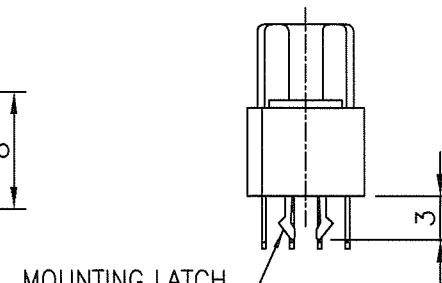
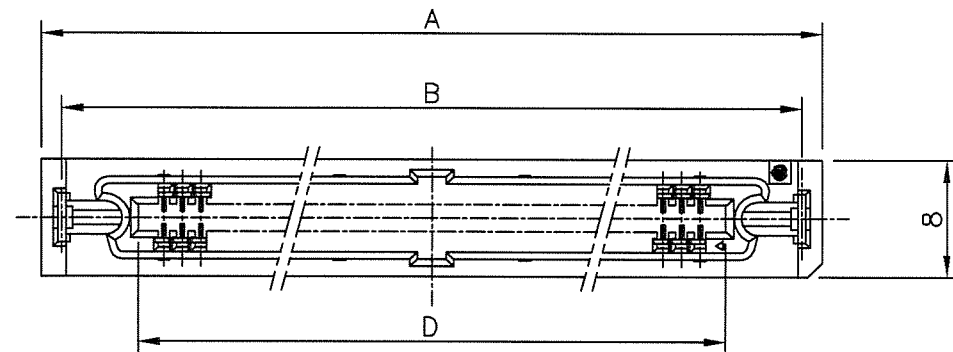
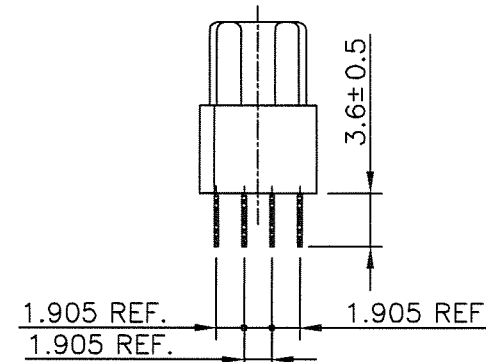
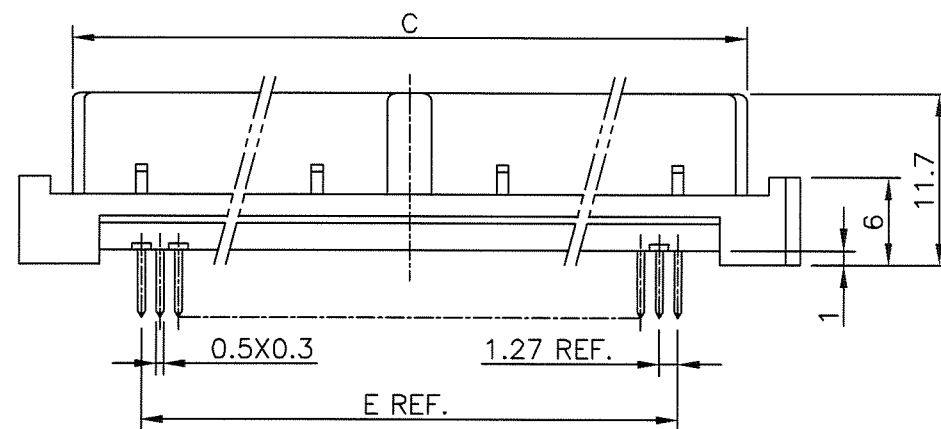


PRODUCT NO.

JSC96357

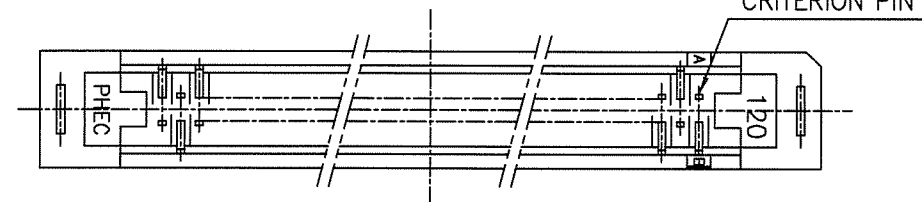


PHEC\_\_\_R-S111

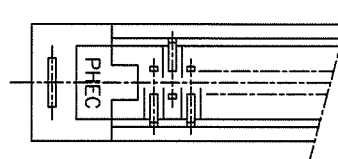


PHEC\_\_\_R-S110

NO. OF CONTACTS : 40,60,68,80,100,120



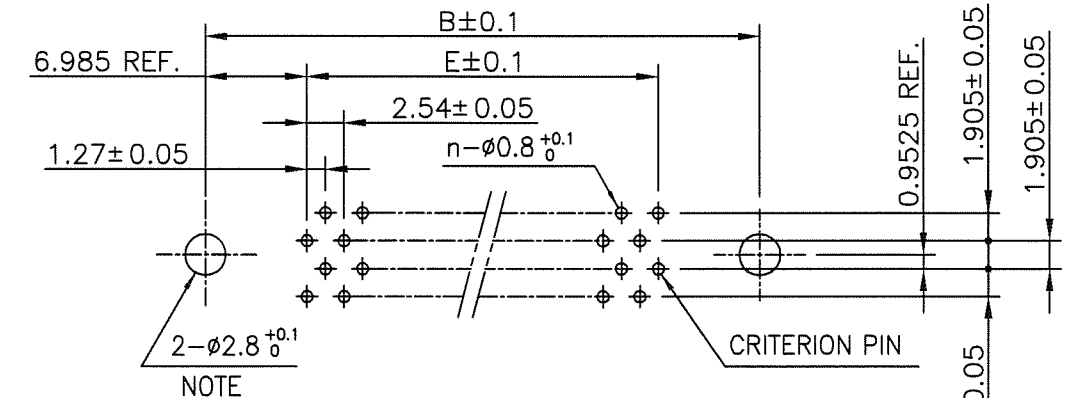
NO. OF CONTACTS : 30,34,50



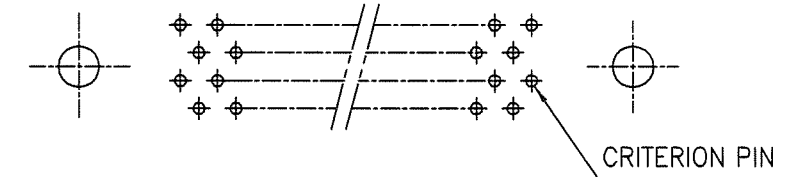
## RECOMMENDED PC BOARD

THICKNESS : 1.6 ±0.2  
HOLE PATTERN (COMPONENT SIDE)

NO. OF CONTACTS : 40,60,68,80,100,120 (n : NO. OF CONTACTS)



NO. OF CONTACTS : 30,34,50



NOTE : THROUGH-HOLES FOR MOUNTING LATCHES ALSO SHOULD BE PLATED.

| CAT. NO.        | NO. OF CONTACTS<br>(MATING SIDE) | DIMENSIONS |       |       |       |       |
|-----------------|----------------------------------|------------|-------|-------|-------|-------|
|                 |                                  | A          | B     | C     | D     | E     |
| PHEC30R-S11_LF  | 15/ROW X 2 ROWS                  | 34.55      | 31.75 | 27.26 | 21.26 | 17.78 |
| PHEC34R-S11_LF  | 17/ROW X 2 ROWS                  | 37.09      | 34.29 | 29.80 | 23.80 | 20.32 |
| PHEC40R-S11_LF  | 20/ROW X 2 ROWS                  | 40.90      | 38.10 | 33.61 | 27.61 | 24.13 |
| PHEC50R-S11_LF  | 25/ROW X 2 ROWS                  | 47.25      | 44.45 | 39.96 | 33.96 | 30.48 |
| PHEC60R-S11_LF  | 30/ROW X 2 ROWS                  | 53.60      | 50.80 | 46.31 | 40.31 | 36.83 |
| PHEC68R-S11_LF  | 34/ROW X 2 ROWS                  | 58.68      | 55.88 | 51.39 | 45.39 | 41.91 |
| PHEC80R-S11_LF  | 40/ROW X 2 ROWS                  | 66.30      | 63.50 | 59.01 | 53.01 | 49.53 |
| PHEC100R-S11_LF | 50/ROW X 2 ROWS                  | 79.00      | 76.20 | 71.71 | 65.71 | 62.23 |
| PHEC120R-S11_LF | 60/ROW X 2 ROWS                  | 91.70      | 88.90 | 84.41 | 78.41 | 74.93 |

## NOTES

- 1.BODY MATERIAL : PBT GLASS FILLED (UL94V-0), COLOR BLACK
- 2.TERMINAL MATERIAL : PHOSPHOR BRONZE
- 3.MOUNTING LATCH MATERIAL : PHOSPHOR BRONZE
- 4.TERMINAL FINISH  
CONTACT AREA : GOLD FLASH 0.1μm min. OVER NICKEL UNDERLAYER  
SOLDER TAILS : PURE Sn 2μm min. OVER NICKEL UNDERLAYER
- 5.MOUNTING LATCH FINISH : PURE Sn 2μm min. OVER NICKEL UNDERLAYER
- 6.THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
- 7.THE HOUSING WILL WITHSTAND EXPOSURE TO 260 DEGREE PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.6mm MINIMUM THICK CIRCUIT BOARD.

|             |                |          |     |          |                                       |                     |            |                                                                  |      |
|-------------|----------------|----------|-----|----------|---------------------------------------|---------------------|------------|------------------------------------------------------------------|------|
| mat'l. code |                |          |     |          | surface                               | tolerance           | projection | product family                                                   | CODE |
| ---         |                |          |     |          | ISO 1302                              | ISO 406<br>ISO 1101 | MM         | PHEC                                                             | JP   |
| ltr         | description    | ecn no   | dr  | date     | tolerances unless otherwise specified |                     | MM         | title<br>PRINTED CIRCUIT CONNECTOR<br>(CAT.NO.PHEC ___ R-S11_LF) |      |
| A           | RELEASED       | J05-0186 | S.O | 3/29/'05 | angles                                | linear              |            |                                                                  |      |
| B           | REVISED        | J07-0047 | S.O | 1/25/'07 |                                       |                     |            |                                                                  |      |
| C           | REVISED        | J07-0458 | S.O | 9/11/'07 | 0°±2'                                 |                     |            |                                                                  |      |
|             |                |          |     |          | dr                                    | S.OKUDAIRA          | 3/29/'05   | dwg no sheet 1 of 1 size                                         |      |
|             |                |          |     |          | enr                                   | S.OKUDAIRA          | 9/11/'07   |                                                                  |      |
|             |                |          |     |          | chr                                   | R. Z. Houji         | 9/11/'07   |                                                                  |      |
|             |                |          |     |          | appd                                  | S. Okudaira         | 9/11/'07   |                                                                  |      |
| sheet index | revision sheet | C        | 1   |          |                                       |                     |            | type Customer Drawing                                            |      |
|             |                |          |     |          |                                       |                     |            | Rev. C                                                           |      |