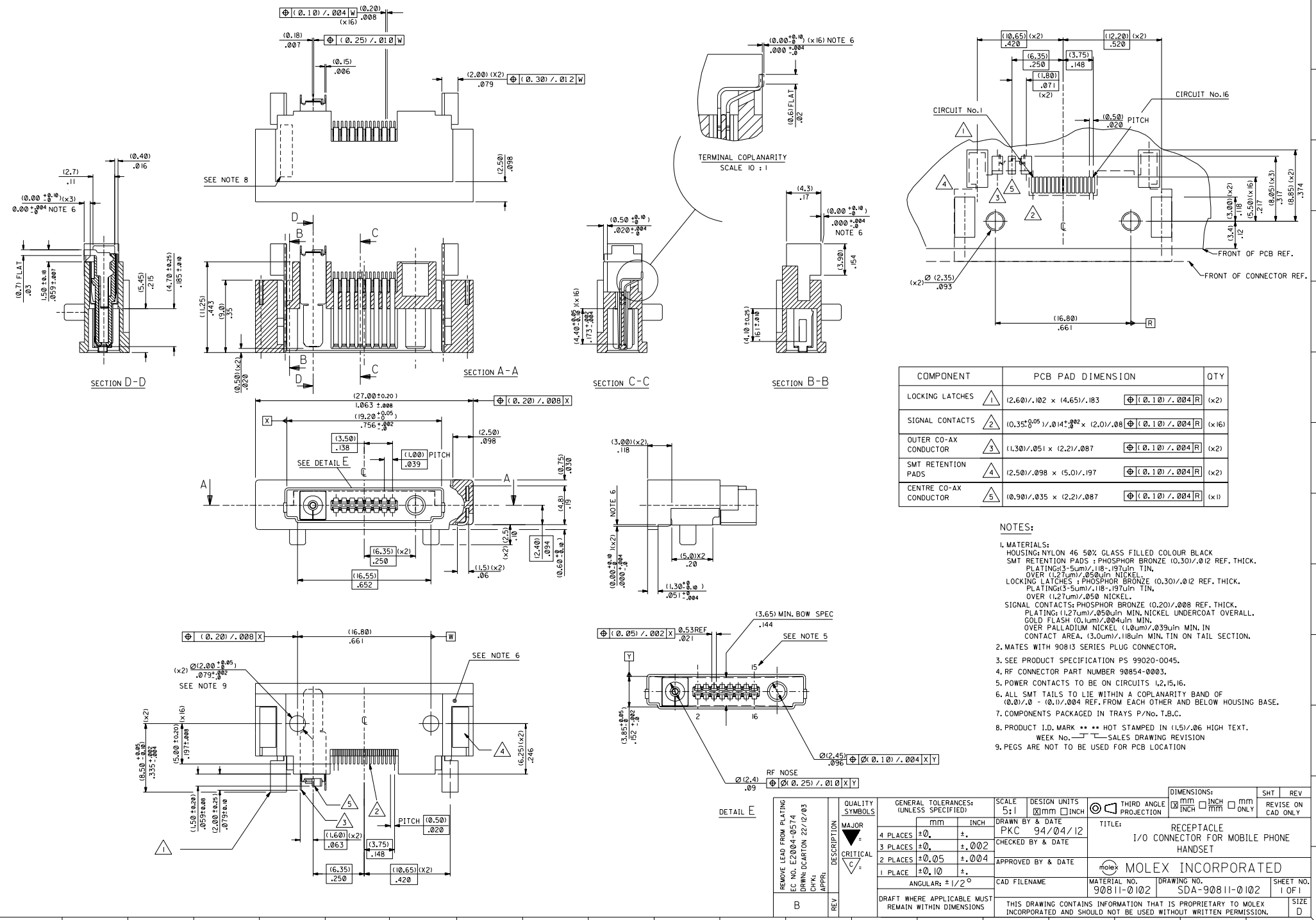


| COMPONENT | | PCB PAD DIMENSION | QTY |
|---|---|---|---|
| LOCKING LATCHES | 1 | (2.60)/.102 x (4.65)/.183 ⊕ (0.10)/.004 R | (x2) |
| SIGNAL CONTACTS | 2 | $(0.35^{+0.05}_{-0})$/$.014^{+.002}_{-0}$ x (2.0)/.08 ⊕ (0.10)/.004 R | (x16) |
| OUTER CO-AX CONDUCTOR | 3 | (1.30)/.051 x (2.2)/.087 ⊕ (0.10)/.004 R | (x2) |
| SMT RETENTION PADS | 4 | (2.50)/.098 x (5.0)/.197 ⊕ (0.10)/.004 R | (x2) |
| CENTRE CO-AX CONDUCTOR | 5 | (0.90)/.035 x (2.2)/.087 ⊕ (0.10)/.004 R | (x1) |

NOTES:

1. MATERIALS:
   HOUSING: NYLON 46 50% GLASS FILLED COLOUR BLACK
   SMT RETENTION PADS : PHOSPHOR BRONZE (0.30)/.012 REF. THICK.
   PLATING: (3-5um)/.118-.197uin TIN,
   OVER (1.27um)/.050uin NICKEL.
   LOCKING LATCHES : PHOSPHOR BRONZE (0.30)/.012 REF. THICK.
   PLATING: (3-5um)/.118-.197uin TIN,
   OVER (1.27um)/.050 NICKEL.
   SIGNAL CONTACTS: PHOSPHOR BRONZE (0.20)/.008 REF. THICK.
   PLATING: (1.27um)/.050uin MIN. NICKEL UNDERCOAT OVERALL.
   GOLD FLASH (0.1um)/.004uin MIN.
   OVER PALLADIUM NICKEL (1.0um)/.039uin MIN. IN
   CONTACT AREA. (3.0um)/.118uin MIN. TIN ON TAIL SECTION.
2. MATES WITH 90813 SERIES PLUG CONNECTOR.
3. SEE PRODUCT SPECIFICATION PS 99020-0045.
4. RF CONNECTOR PART NUMBER 90854-0003.
5. POWER CONTACTS TO BE ON CIRCUITS 1,2,15,16.
6. ALL SMT TAILS TO LIE WITHIN A COPLANARITY BAND OF (0.0)/.0 - (0.1)/.004 REF. FROM EACH OTHER AND BELOW HOUSING BASE.
7. COMPONENTS PACKAGED IN TRAYS P/No. T.B.C.
8. PRODUCT I.D. MARK •• •• HOT STAMPED IN (1.5)/.06 HIGH TEXT.
   WEEK No. — SALES DRAWING REVISION
9. PEGS ARE NOT TO BE USED FOR PCB LOCATION

REMOVE LEAD FROM PLATING
EC NO. E20041-0574
DRWN: DCARTON 22/12/03
CHK:
APPR:
B

DESCRIPTION | REV

QUALITY SYMBOLS
MAJOR ▼ =
CRITICAL C =

GENERAL TOLERANCES: (UNLESS SPECIFIED)

| | mm | INCH |
|---|---|---|
| 4 PLACES | ±0. | ±. |
| 3 PLACES | ±0. | ±.002 |
| 2 PLACES | ±0.05 | ±.004 |
| 1 PLACE | ±0.10 | ±. |
| ANGULAR: ±1/2° | | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

SCALE 5:1 | DESIGN UNITS [X] mm [ ] INCH | THIRD ANGLE PROJECTION | DIMENSIONS: [X] mm/INCH [ ] INCH/mm [ ] mm ONLY | SHT | REV | REVISE ON CAD ONLY

DRAWN BY & DATE: PKC 94/04/12
CHECKED BY & DATE:
APPROVED BY & DATE:
CAD FILENAME:

TITLE: RECEPTACLE I/O CONNECTOR FOR MOBILE PHONE HANDSET

MOLEX INCORPORATED

MATERIAL NO. 90811-0102 | DRAWING NO. SDA-90811-0102 | SHEET NO. 1 OF 1 | SIZE D

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