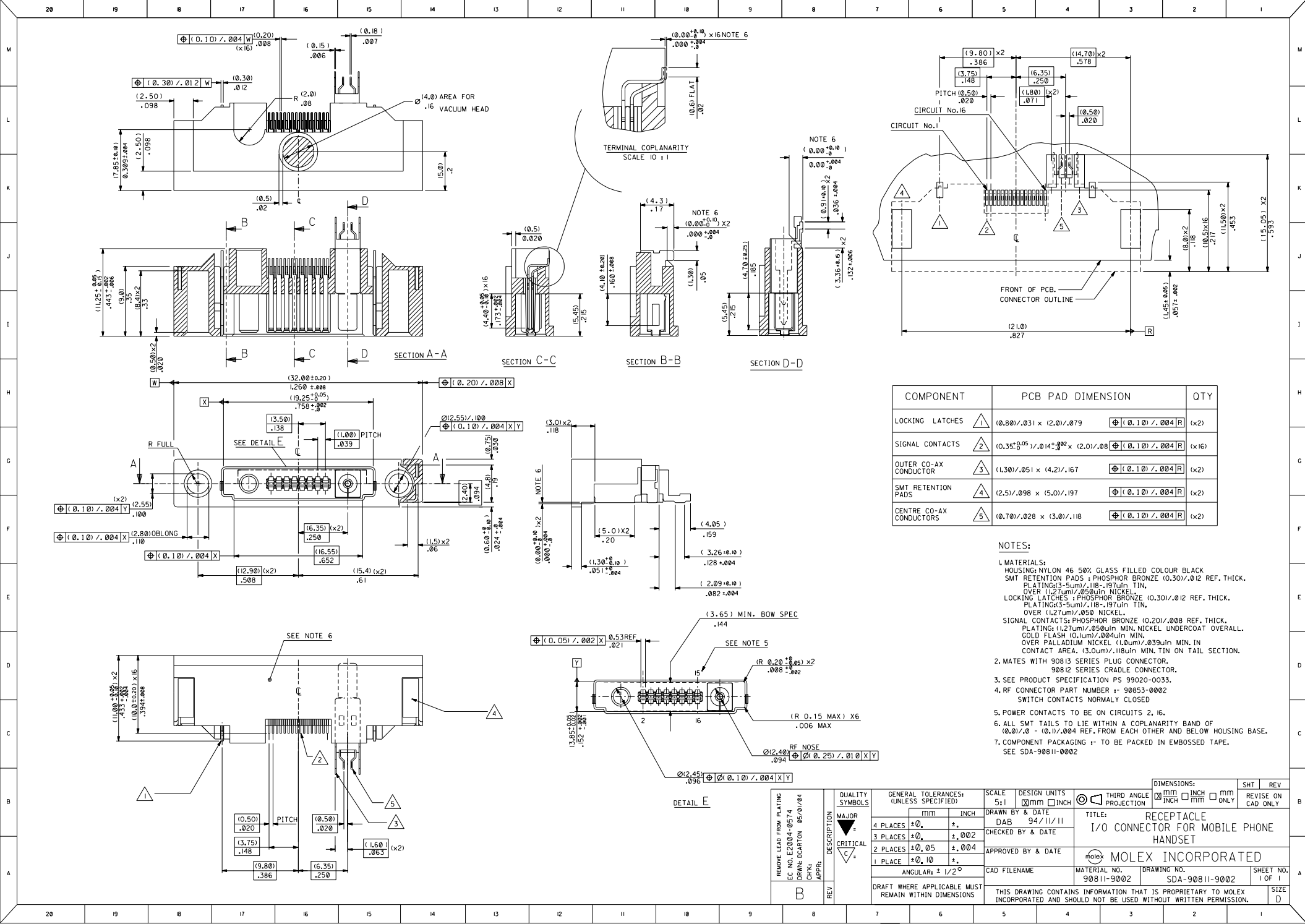

COMPONENT		PCB PAD DIMENSION	QTY
LOCKING LATCHES	1	(0.80)/.031 x (2.0)/.079 ⊕(0.10)/.004 R	(x2)
SIGNAL CONTACTS	2	$(0.35^{+0.05}_{-0})$/$.014^{+.002}_{-0}$ x (2.0)/.08 ⊕(0.10)/.004 R	(x16)
OUTER CO-AX CONDUCTOR	3	(1.30)/.051 x (4.2)/.167 ⊕(0.10)/.004 R	(x2)
SMT RETENTION PADS	4	(2.5)/.098 x (5.0)/.197 ⊕(0.10)/.004 R	(x2)
CENTRE CO-AX CONDUCTORS	5	(0.70)/.028 x (3.0)/.118 ⊕(0.10)/.004 R	(x2)

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.
   90812 SERIES CRADLE CONNECTOR.
3. SEE PRODUCT SPECIFICATION PS 99020-0033.
4. RF CONNECTOR PART NUMBER :- 90853-0002
   SWITCH CONTACTS NORMALY CLOSED
5. POWER CONTACTS TO BE ON CIRCUITS 2, 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. COMPONENT PACKAGING :- TO BE PACKED IN EMBOSSED TAPE.
   SEE SDA-90811-0002

REMOVE LEAD FROM PLATING
EC NO: E2004-0574
DRWN: DCARTON 05/01/04
CHK:
APPR:
DESCRIPTION
REV
B

QUALITY SYMBOLS
MAJOR ▼
CRITICAL ▽ C

GENERAL TOLERANCES: (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±0.	±.
3 PLACES	±0.0	±.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 ☒mm ☐INCH
THIRD ANGLE PROJECTION
DIMENSIONS: ☒ mm/INCH ☐ INCH/mm ☐ mm ONLY
SHT REV
REVISE ON CAD ONLY
DRAWN BY & DATE DAB 94/11/11
CHECKED BY & DATE
APPROVED BY & DATE
CAD FILENAME

TITLE: RECEPTACLE I/O CONNECTOR FOR MOBILE PHONE HANDSET

MOLEX INCORPORATED

MATERIAL NO. 90811-9002
DRAWING NO. SDA-90811-9002
SHEET NO. 1 OF 1
SIZE D