

0.80mm CONNECTOR

- SMT HERMAPHRODITIC DESIGN
- STACKING CONNECTOR
- 4.5mm TO 12mm BOARD STACKING HEIGHT

SPECIFICATION:

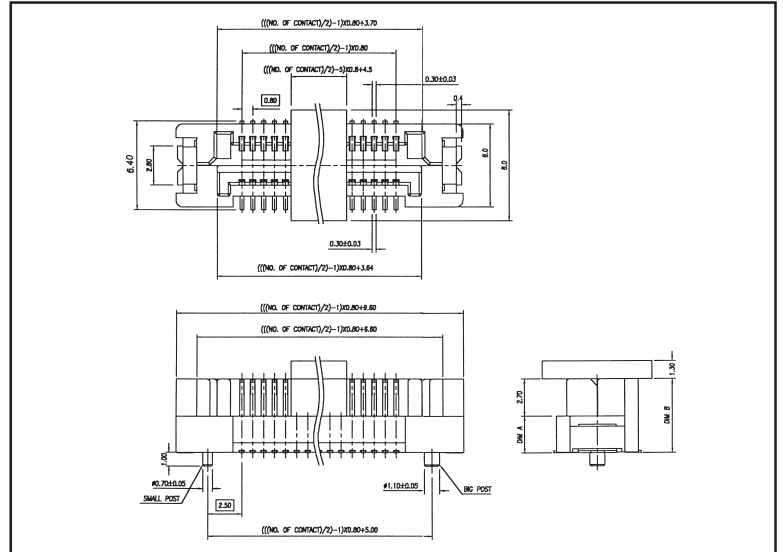
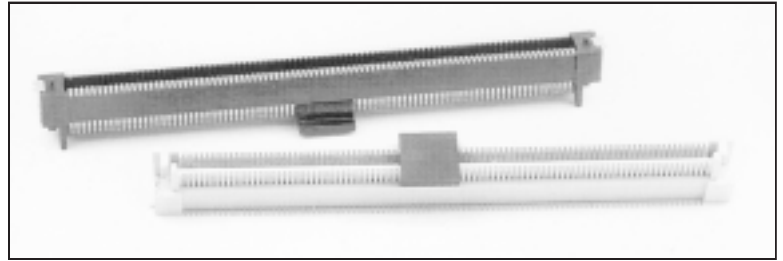
- INSULATOR MATERIAL:**
HIGH TEMPERATURE THERMOPLASTIC
- FLAMMABILITY RATING:**
UL 94V-0
- INSULATION RESISTANCE:**
1000 MEGOHMS MIN.
PER MIL-STD-1344A METHOD 3003.1
- OPERATING TEMPERATURE RANGE:**
-55° C TO +105° C
- DIELECTRIC STRENGTH:**
250V AC MIN.
- CONTACT MATERIAL:**
HIGH STRENGTH COPPER ALLOY
- CURRENT RATING:**
.5 A
- VOLTAGE RATING:**
100 V AC OR DC
- CONTACT RESISTANCE:**
50 MILLIOHMS MAX.
PER MIL-STD-1344A METHOD 3002.1
- RETENTION FORCE:**
300g PER PIN (AVG) MIN.
PER MIL-STD-1344A METHOD 2007.1
- INSERTION FORCE:**
190 g MAX.
- EXTRACTION FORCE:**
30 g MIN.
- DURABILITY:**
100 CYCLES
PER MIL-STD-1344A METHOD 2016

ORDER INFORMATION:

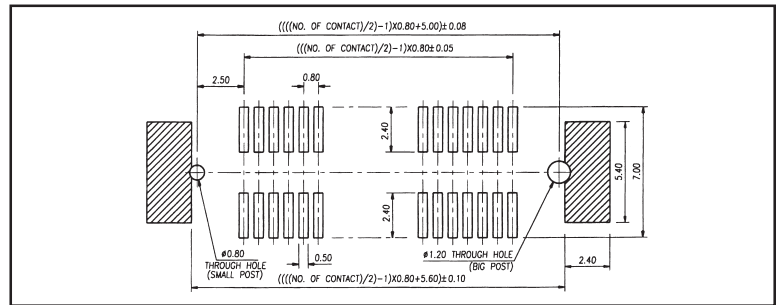
H081 - XXX - X - XX - X - XX
1 2 3 4 5 6

- 1: **SERIES** H081 0.80mm SPACING HERMAPHRODITIC SURFACE MOUNT BOARD-TO-BOARD CONNECTOR WITH SMT BOARD FASTENERS
- 2: **NUMBER OF CONTACTS**
020 TO 100 (IN MULTIPLES OF 10 CONTACTS)
- 3: **INSULATOR MATERIAL/COLOR CODE**
1...LCP - NATURAL
2...LCP - BLACK
- 4: **DIMENSIONAL CODE NUMBER**
SEE CHART ON THIS PAGE
- 5: **CONTACT PLATING**
6...SELECTIVE GOLD FLASH
8...SELECTIVE 30u" GOLD
- 6: **PACKAGING OPTIONS**
T...TUBE
R...TAPE AND REEL
TC...TUBE WITH PICK AND PLACE CAP
RC...TAPE AND REEL WITH PICK AND PLACE CAP

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DRAWING



P.C.B. LAYOUT

SERIAL NO.	DIMENSION (mm)		
	A	B	Mating Height
01	0.90	3.60	4.50
02	1.15	3.85	5.00
03	1.40	4.10	5.50
04	1.65	4.35	6.00
05	1.90	4.60	6.50
06	2.15	4.85	7.00
07	2.40	5.10	7.50
08	2.65	5.35	8.00

SERIAL NO.	DIMENSION (mm)		
	A	B	Mating Height
09	2.90	5.60	8.50
10	3.15	5.85	9.00
11	3.40	6.10	9.50
12	3.65	6.35	10.00
13	3.90	6.60	10.50
14	4.15	6.85	11.00
15	4.40	7.10	11.50
16	4.65	7.35	12.00

DIMENSION INFORMATION