

0.80mm HERMAPHRODITIC CONNECTOR

CENTURY INTERCONNECT PRODUCTS
800-221-3576 203-375-5344 FAX 203-375-1631

SPECIFICATION:

INSULATOR MATERIAL:
HIGH TEMPERATURE THERMOPLASTIC

FLAMMABILITY RATING:
UL94V-0

INSULATION RESISTANCE:
1000 MEGOHMS MIN.
PER MIL-STD-1344A METHOD 3003.1

OPERATING TEMPERATURE RANGE:
-55 DEGREES C TO +85 DEGREES C

DIELECTRIC STRENGTH:
250V AC MIN.
PER MIL-STD-1344A METHOD 3001.1

CONTACT MATERIAL:
HIGH STRENGTH COPPER ALLOY

CONTACT PLATING:
SEE ORDERING INFORMATION

CURRENT RATING:
5 AMPS

VOLTAGE RATING:
100V AC OR DC

CONTACT RESISTANCE:
50 MILLIOHMS MAX.
PER MIL-STD-1344A METHOD 3002.1

RETENTION FORCE:
300 gr PER PIN (AVG) MIN.
PER MIL-STD-1344A METHOD 2007.1

INSERTION FORCE:
190 gf MAX.

EXTRACTION FORCE:
30 gf MIN.

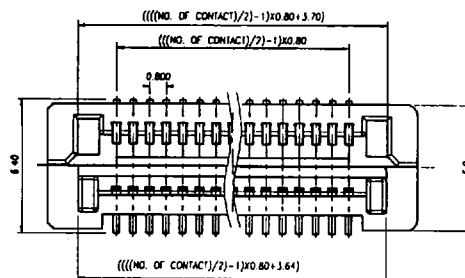
DURABILITY:
100 CYCLES
PER MIL-STD-1344A METHOD 2016

ORDER INFORMATION:

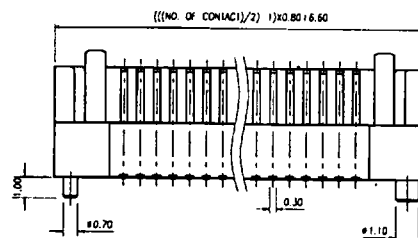
H080 - XXX - X - XX - X - X
1 2 3 4 5 6

- 1: **SERIES** H080 0.80mm SPACING HERMAPHRODITIC SURFACE MOUNT BOARD-TO-BOARD CONNECTOR
- 2: **NUMBER OF CONTACTS**
020 TO 200 (IN MULTIPLES OF 10 CONTACTS)
- 3: **INSULATOR MATERIAL / COLOR**
1...LCP - NATURAL COLOR
2...LCP - BLACK COLOR
- 4: **DIMENSIONAL CODE NUMBER**
SEE CHART ON REVERSE SIDE
- 5: **CONTACT PLATING**
0...TIN
1...GOLD FLASH
6...SELECTIVE GOLD FLASH
7...10u" SELECTIVE GOLD
- 6: **PACKAGING OPTIONS**
T...TUBE
R...TAPE AND REEL

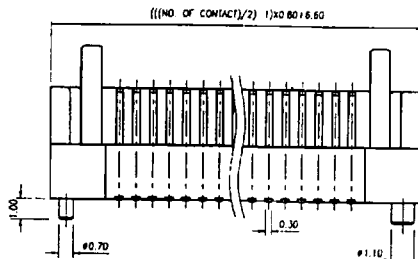
CONSULT FACTORY FOR OTHER PLATING OPTIONS



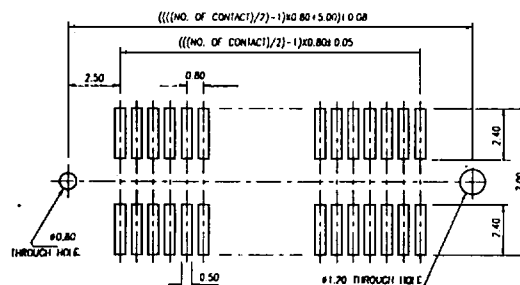
USE FOR CODE NOS.
01-05



USE FOR CODE NOS.
06-22



DRAWING



P.C.B. LAYOUT

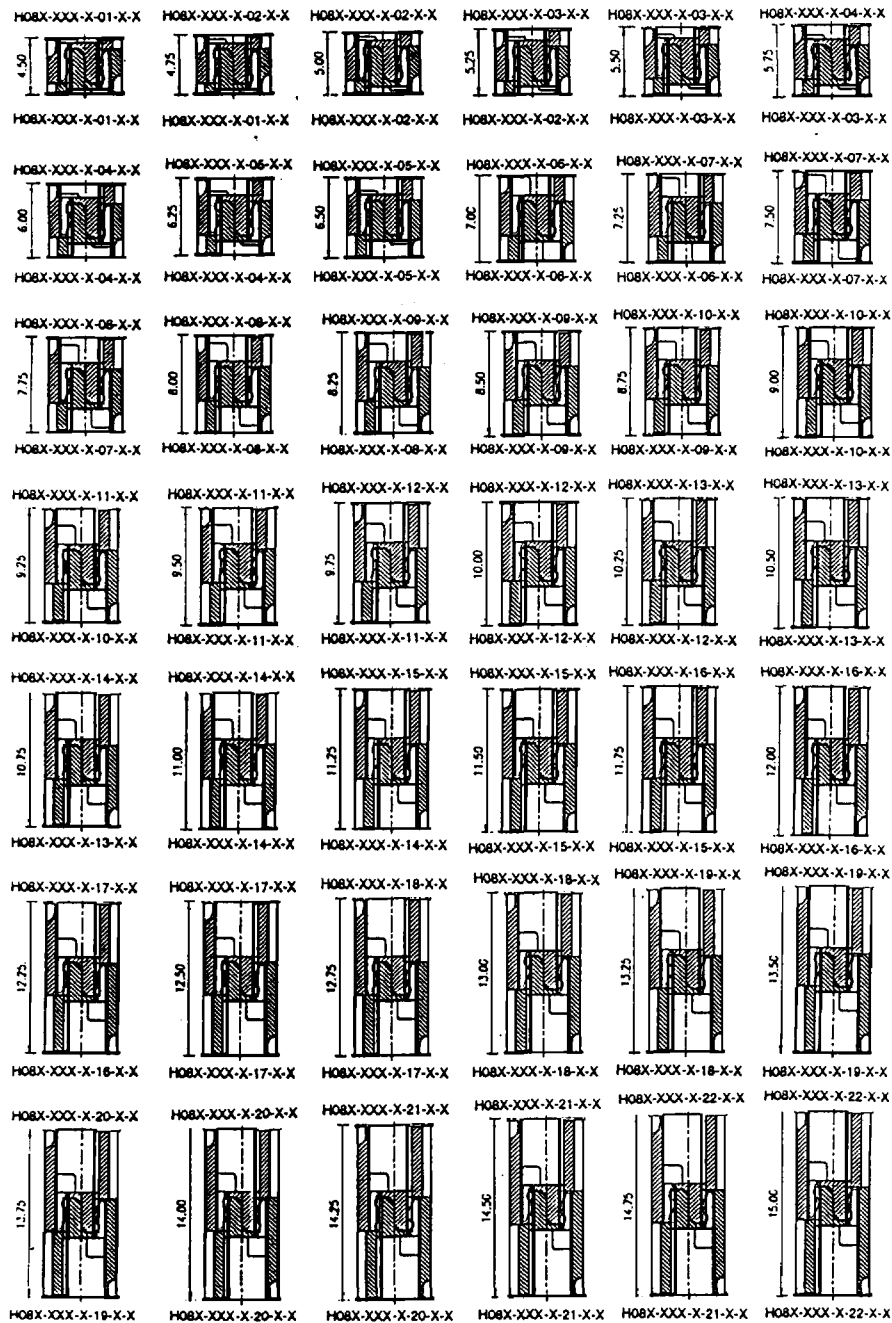
PLEASE NOTE:

PART NUMBER REFLECTS ONE HALF OF MATING PAIR. DIFFERENT COMBINATIONS OF CODE NUMBERS ARE USED TO DETERMINE DIFFERENT BOARD SPACINGS. BOARD SPACINGS RANGE FROM 4.50mm TO 15.00mm IN 0.25mm INCREMENTS. THE 'A' DIMENSION OF ONE HALF OF THE MATING PAIR PLUS THE 'B' DIMENSION OF THE OTHER HALF OF THE MATING PAIR EQUALS THE ACTUAL BOARD SPACING ACHIEVED. MATING PAIRS MUST BE THE SAME OR NO MORE THAN ONE CODE NUMBER APART.

CONSULT FACTORY FOR PICK AND PLACE PAD OPTION OR TAPE AND REEL PACKAGING.

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CODE NO.	A	B	CODE NO.	A	B	CODE NO.	A	B
01	0.90	3.80	09	2.90	5.80	17	4.90	7.80
02	1.15	3.85	10	3.15	5.85	18	5.15	7.85
03	1.40	4.10	11	3.40	6.10	19	5.40	8.10
04	1.65	4.35	12	3.65	6.35	20	5.65	8.35
05	1.90	4.60	13	3.90	6.60	21	5.90	8.60
06	2.15	4.85	14	4.15	6.85	22	6.15	8.85
07	2.40	5.10	15	4.40	7.10			
08	2.65	5.35	16	4.65	7.35			

DIMENSIONS (mm)