

REVISIONS				
REV.	ECO. NO	DESCRIPTION	DATE	BY
A	1012	ORIGINAL RELEASE	04/28/06	HT
B	1743	UPDATE DWG FORMAT TABULATE MATERIAL INCORPORATING "E" & "H" TO CODING CHART	9/12/2008	VJ

PART NUMBER CODING

B **DHL**

MATERIAL (INSULATOR/CONTACT)

- E = BLACK, PBT/PHOSPHOR BRONZE**
OPERATING TEMP: -65°C TO +125°C
PROCESSING TEMP: 260°C FOR 10 SECS MAX
- R = BLACK, PPS/PHOSPHOR BRONZE**
OPERATING TEMP: -65°C TO +125°C
PROCESSING TEMP: 260°C FOR 120 SECS MAX
- G = BLACK, PA9T/PHOSPHOR BRONZE**
OPERATING TEMP: -65°C TO +125°C
PROCESSING TEMP: 260°C FOR 120 SECS MAX
- H = BLACK, PBT/BERYLLIUM COPPER**
OPERATING TEMP: -65°C TO +125°C
PROCESSING TEMP: 260°C FOR 10 SECS MAX
- A = BLACK, PPS/BERYLLIUM COPPER**
OPERATING TEMP: -65°C TO +150°C
PROCESSING TEMP: 260°C FOR 120 SECS MAX
- J = BLACK, PA9T/BERYLLIUM COPPER**
OPERATING TEMP: -65°C TO +150°C
PROCESSING TEMP: 260°C FOR 120 SECS MAX
(CONSULT FACTORY FOR OTHER MATERIALS)

MOUNTING STYLE

- D = FLUSH MOUNTING
- N = NO MOUNTING EARS
- T = FLUSH MOUNTING, WITH THREADED INSERTS
- R = METAL BOARDLOCKS

NUMBER OF POSITIONS (CONTACTS PER ROW)

PLATING

ALL PLATINGS ARE LEAD FREE AND HAVE .000050" NICKEL UNDERPLATE

CONTACT SURFACE

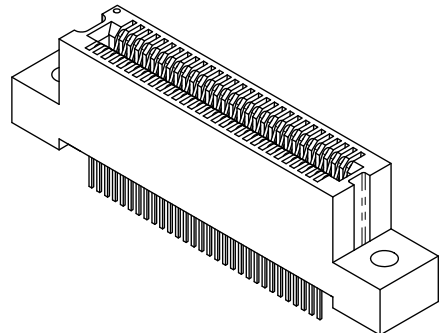
- B = .000010" GOLD
- C = .000030" GOLD

TERMINATION

- .000100" PURE TIN, MATTE
- .000100" PURE TIN, MATTE

NOTES:

1. MATERIALS:
 - A. INSULATOR: SEE PART NUMBER CODING.
 - B. CONTACT: SEE PART NUMBER CODING.
 - C. PLATING: SEE PART NUMBER CODING.
2. THERMAL:
 - A. OPERATING TEMPERATURE: SEE PART NUMBER CODING.
 - B. PROCESSING TEMP: SEE PART NUMBER CODING.
 - C. UL FLAMMABILITY RATING: 94V-0.
3. ELECTRICAL:
 - A. DIELECTRIC WITHSTANDING VOLTAGE: MATED CONNECTOR MUST EXHIBIT NO EVIDENCE OF BREAKDOWN, FLASHOVER, OR DETERIORATION FROM AN APPLIED VOLTAGE OF 300 VAC (VALUE HAS BEEN DE-RATED), RMS 60 HZ WHEN TESTED IN ACCORDANCE WITH MIL-STD-1344, METHOD 3001. DURATION OF APPLICATION SHALL BE 5 SECS MIN.
 - B. INSULATION RESISTANCE (IR): 5,000 MEGOHMS @ 500 VOLTS ±10% WHEN TESTED IN ACCORDANCE WITH MIL-STD-1344, METHOD 3003 @ 25°C.
 - C. CONTACT RESISTANCE: 30 MILLIOHM MAX AT RATED CURRENT WHEN TESTED PER MIL-STD-202, METHOD 307 @ 25°C ±3°C.
 - D. CURRENT RATING: 1 AMP PER CONTACT.
4. MECHANICAL:
 - A. CONNECTOR IDENTIFICATION: THE PART SHALL BE MARKED WITH A LOT CODE AS A MINIMUM. IF SPACE PERMITS ALSO MARK PART WITH SULLINS WEBSITE, AND PART NUMBER.
 - B. DURABILITY: 500 CYCLES MINIMUM.
 - C. BOARD THICKNESS ACCOMMODATED: .062 ± .008"
 - D. BOARD INSERTION FORCE: 16 OZ MAX PER CONTACT PAIR WHEN USING A .062" TEST BLADE. INTERNAL INSPECTION TO BE PER SULLIN'S WORK INSTRUCTION W17.3-01.
 - E. BOARD WITHDRAWAL FORCE: 1 OUNCE MINIMUM PER CONTACT PAIR USING .062" PCB.



CUSTOMER COPY



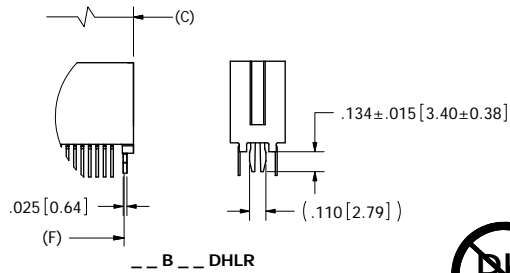
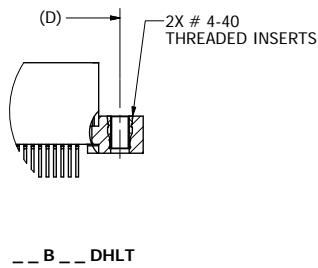
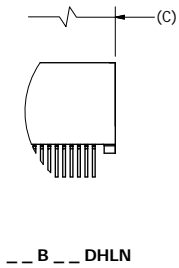
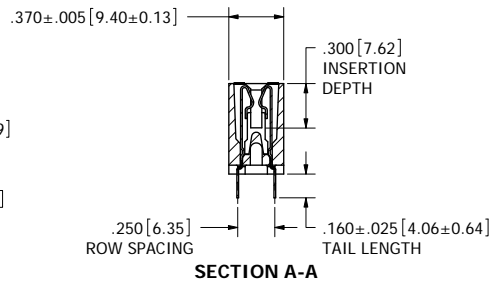
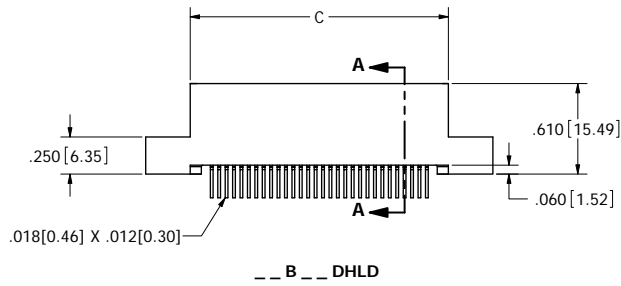
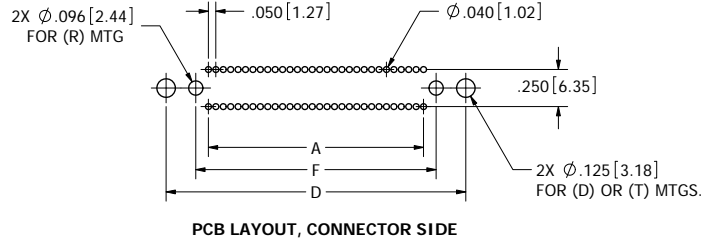
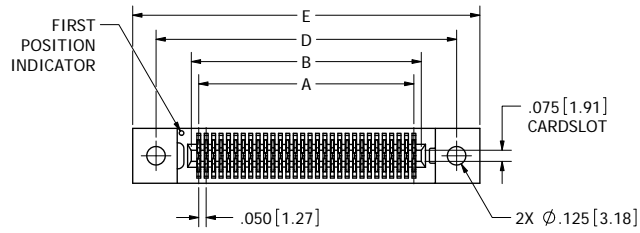
RoHS COMPLIANT

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES(MM)
TOLERANCES:
ANGULAR: ± .30°
XX-# .02 | .508
XXX-# .005 | .1270
XXXX-# .0005 | .0127
SURFACE FINISH: 63 R_a
REMOVE ALL BURRS AND SHARP EDGES: 010 MAX
INTERPRET DIMENSIONS AND GEOMETRIC TOLERANCING PER: ANSI Y14.5M-1994

DATE	NAME
04/28/06	HT



DESCRIPTION: EDGE CARD, .050 CC, HP	
PART NUMBER: B DHL	
SIZE: C	DWG. NO: C10709
SCALE: 2:1	REV: B
SHEET 1 OF 3	



MOUNTING STYLES

CUSTOMER COPY



RoHS COMPLIANT

SULLINS CONNECTOR SOLUTIONS	
DESCRIPTION: EDGE CARD, .050 CC, HP	
PART NUMBER: B DHL	
SIZE: C	DWG. NO.: C10709
SCALE: 2:1	REV: B
SHEET 2 OF 3	

