

REVISIONS				
REV.	ECO. NO	DESCRIPTION	DATE	BY
A	1012	ORIGINAL RELEASE	05/01/06	HT
B	1743	UPDATE DWG FORMAT TABULATE MATERIAL INCORPORATING "E" & "H" TO CODING CHART	07/07/08	VJ

PART NUMBER CODING

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)

B

DHH

NUMBER OF POSITIONS (CONTACTS PER ROW)

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

CONTACT SURFACE TERMINATION

B = .000010" GOLD .000100" PURE TIN, MATTE

C = .000030" GOLD .000100" PURE TIN, MATTE

MOUNTING STYLE

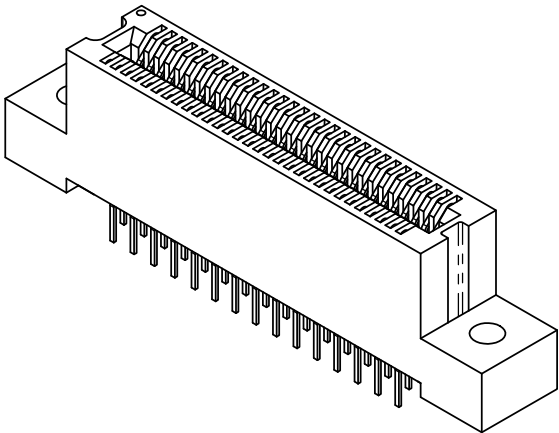
D = FLUSH MOUNTING (PAGE 1)

N = NO MOUNTING EARS

T = FLUSH MOUNTING, WITH THREADED INSERTS

R = METAL BOARDLOCKS

- NOTES:
- MATERIALS:
 - A. INSULATOR: SEE PART NUMBER CODING.
 - B. CONTACT: SEE PART NUMBER CODING.
 - C. PLATING: SEE PART NUMBER CODING.
 - THERMAL:
 - A. OPERATING TEMPERATURE: SEE PART NUMBER CODING.
 - B. PROCESSING TEMP: SEE PART NUMBER CODING.
 - C. UL FLAMMABILITY RATING: 94V-0.
 - 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.
 - 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.

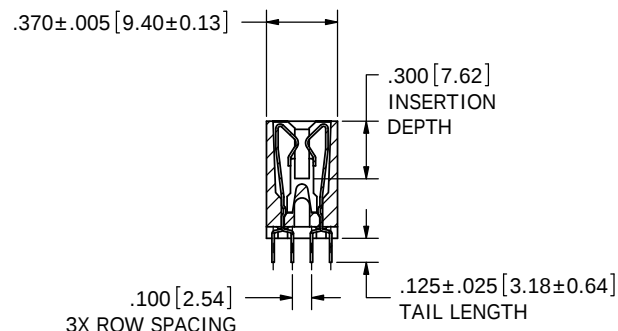
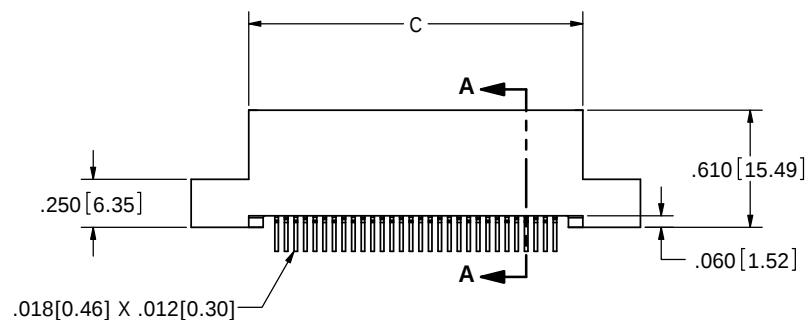
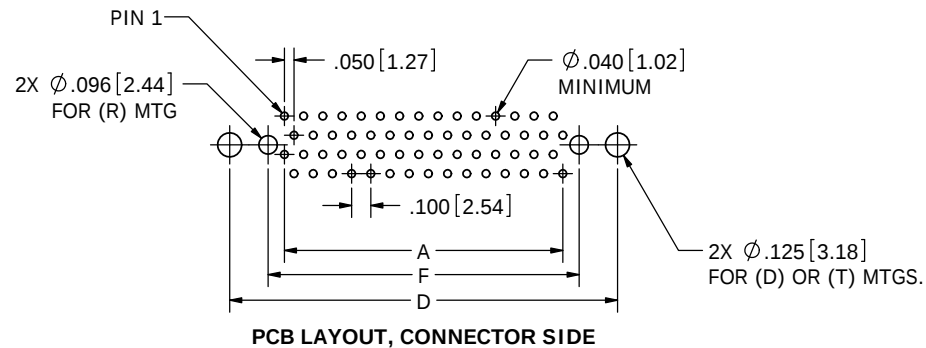
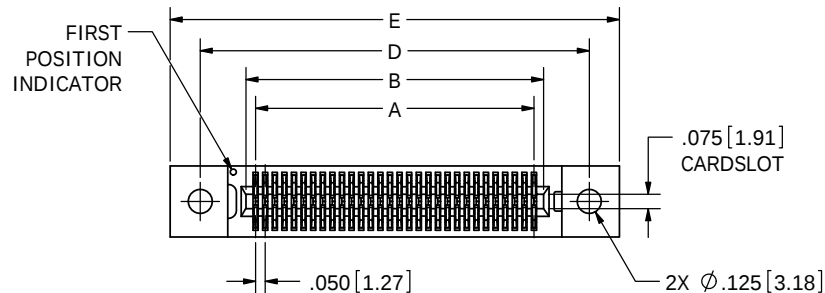


CUSTOMER COPY



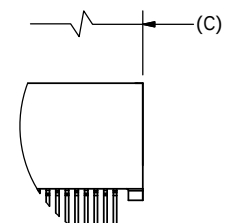
RoHS COMPLIANT

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES[MM] TOLERANCES: ANGULAR: ± 30° .XX±.02 [508] .XXX±.005 [127] XXXX±.0005 [0127] SURFACE FINISH: 63 Ra REMOVE ALL BURRS AND SHARP EDGES .010 MAX		DATE 05/01/06	NAME HT
THE INFORMATION HEREIN CONTAINS PROPRIETARY INFORMATION OF SULLINS ELECTRONICS AND IS NOT TO BE REPRODUCED, USED OR DISCLOSED TO OTHERS FOR ANY PURPOSE EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY AN OFFICER OF SULLINS ELECTRONICS.		SULLINS CONNECTOR SOLUTIONS	
DESCRIPTION EDGE CARD, .050 CC, HP		PART NUMBER B DHH	
SIZE C	DWG. NO. C10711	REV B	SCALE: 2:1
INTERPRET DIMENSIONS AND GEOMETRIC TOLERANCING PER: ANSI Y14.5M-1994		SHEET 1 OF 3	

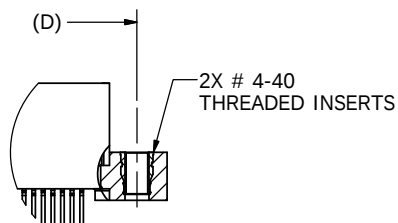


-- B -- DHHD

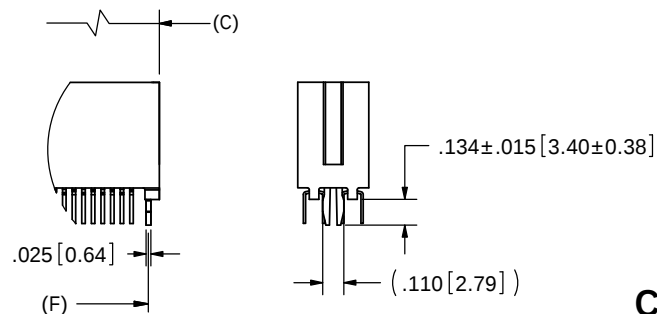
SECTION A-A



-- B -- DHHN



-- B -- DHHT



-- B -- DHHR

MOUNTING STYLES

CUSTOMER COPY



RoHS COMPLIANT

DESCRIPTION EDGE CARD, .050 CC, HP		
PART NUMBER B DHH		
SIZE C	DWG. NO. C10711	REV B
SCALE: 2:1		SHEET 2 OF 3

