

REVISIONS				
REV.	ECO. NO	DESCRIPTION	DATE	BY
C	985	REDRAW/REVISE. ALL AVAILABLE MOUNTINGS ADDED	04/12/06	MNH
D	1346	ADDED METRIC DIMENSIONS, TABULATED MATERIALS	06/29/07	ASK
E	1810	ADD HB TERMINATION, UPDATE LAYOUT	9/25/2008	ASK

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)

MOUNTING STYLE

- D = .250" EARS, FLUSH MOUNTING
N = NO MOUNTING EARS
A = SIDE MOUNTING WITH #4-40 THREADED INSERTS
R = NO MOUNTING EARS, WITH BOARD LOCKS
S = SIDE MOUNTING
T = .250" EARS, FLUSH MOUNTING WITH #4-40 THD INSERTS

TERMINATION TYPE

- HA = .100" [2.54 mm] STAGGERED DIP SOLDER, .050" CENTERS
HB = .170" [4.32 mm] STAGGERED DIP SOLDER, .050" CENTERS

NUMBER OF POSITIONS

PLATING

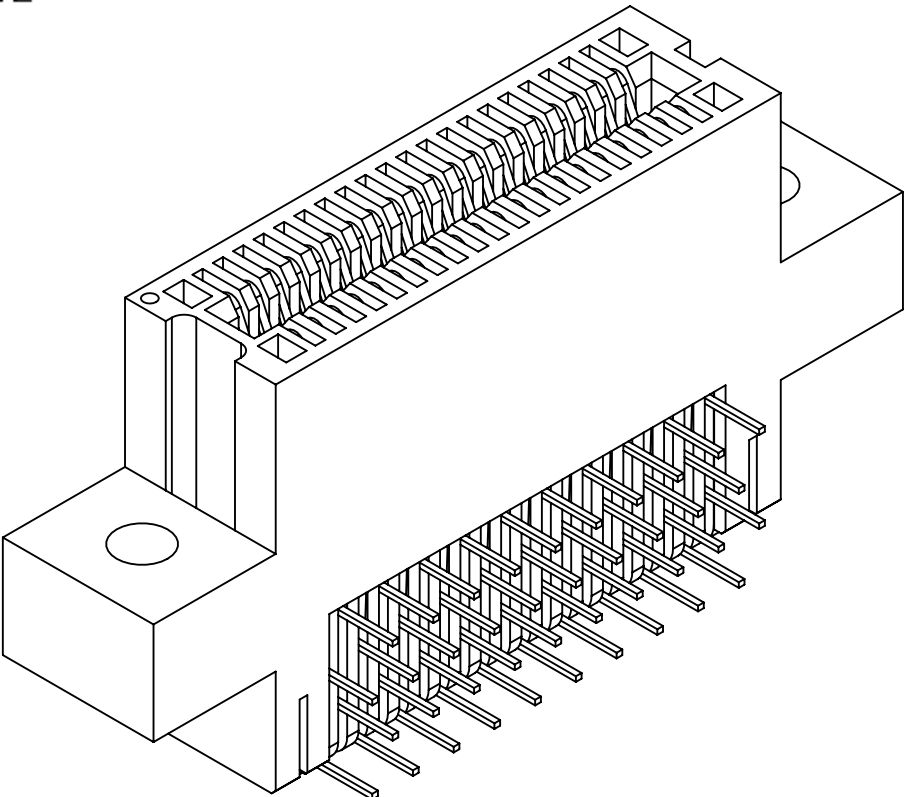
ALL PLATINGS ARE LEAD FREE AND HAVE .000050" NICKEL UNDERPLATE

CONTACT SURFACE

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

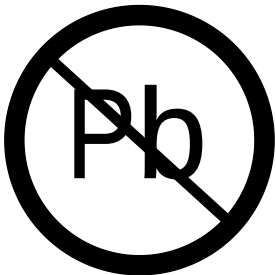
TERMINATION

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



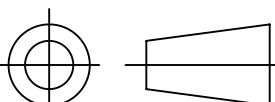
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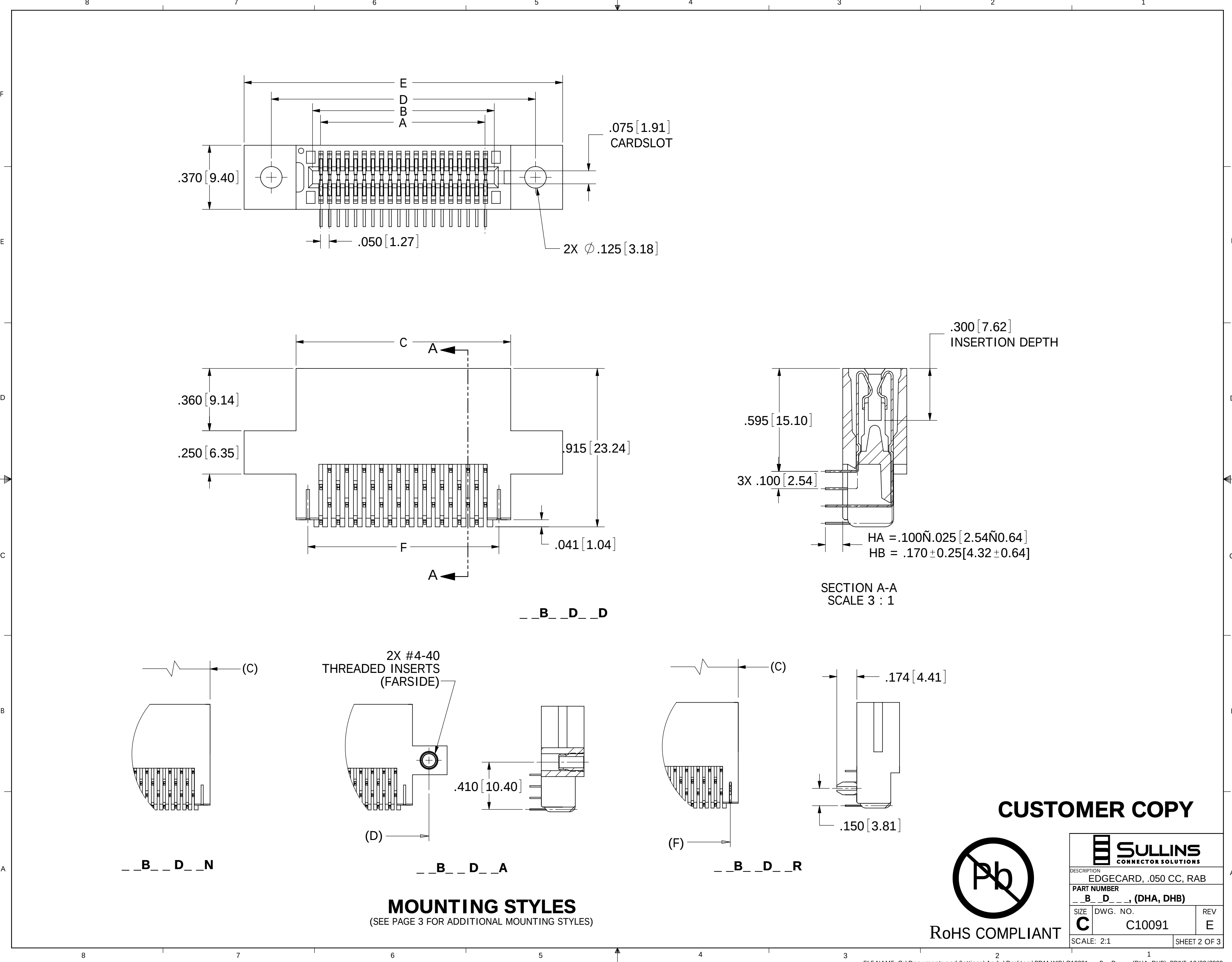
- MATERIALS:
 - INSULATOR: SEE PART NUMBER CODING.
 - CONTACT: SEE PART NUMBER CODING.
 - PLATING: SEE PART NUMBER CODING.
- THERMAL:
 - OPERATING TEMPERATURE: SEE PART NUMBER CODING.
 - PROCESSING TEMP: SEE PART NUMBER CODING.
 - UL FLAMMABILITY RATING: 94V-0.
- ELECTRICAL:
 - DIELECTRIC WITHSTANDING 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.
 - INSULATION RESISTANCE (IR): 5,000 MEGOHMS @ 500 VOLTS ±10% WHEN TESTED IN ACCORDANCE WITH MIL-STD-1344, METHOD 3003 @ 25°C.
 - CONTACT RESISTANCE: 30 MILLIOHM MAX AT RATED CURRENT WHEN TESTED PER MIL-STD-202, METHOD 307 @ 25°C ±3°C.
 - CURRENT RATING: 1 AMP PER CONTACT.
- MECHANICAL:
 - 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.
 - DURABILITY: 500 CYCLES MINIMUM.
 - BOARD THICKNESS ACCOMMODATED: .062 ±.008"
 - 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.
 - BOARD WITHDRAWAL FORCE: 1 OUNCE MINIMUM PER CONTACT PAIR USING .062" PCB.



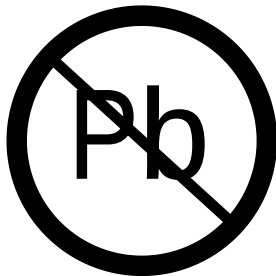
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UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES[MM] TOLERANCES: ANGULAR: ± 30' .XX=± .02 [.508] .XXX=± .005 [.127] .XXXX=± .0005 [.0127] SURFACE FINISH: 63 Ra REMOVE ALL BURRS AND SHARP EDGES .010 MAX INTERPRET DIMENSIONS AND GEOMETRIC TOLERANCING PER: ANSI Y14.5M-1994		DATE	NAME	
	DRAWN	04/12/06	MNH	
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		DESCRIPTION		
EDGECARD, .050 CC, RAB				
PART NUMBER _ _ B _ D _ _ , (DHA, DHB)				
	SIZE	DWG. NO.		REV
	C	C10091		E
	SCALE: 3:1			SHEET 1 OF 3



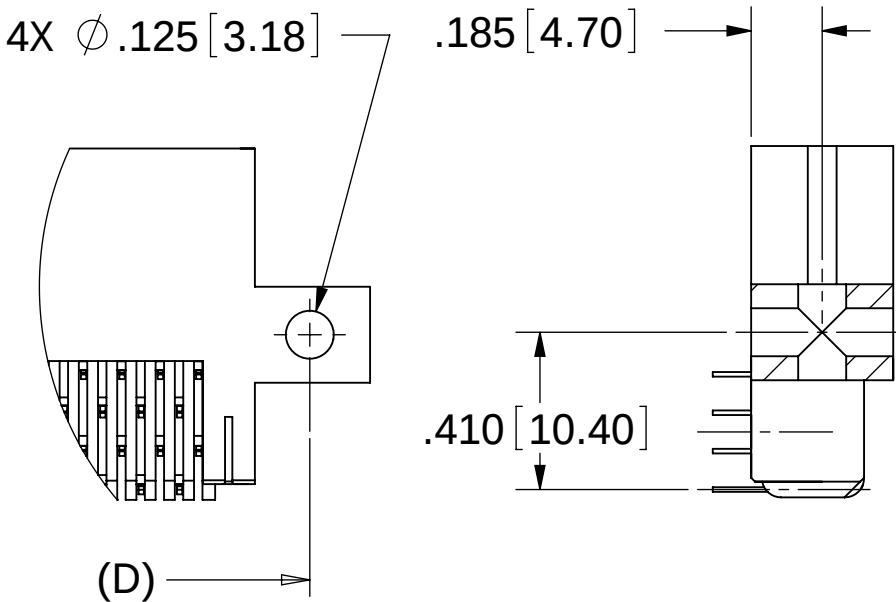
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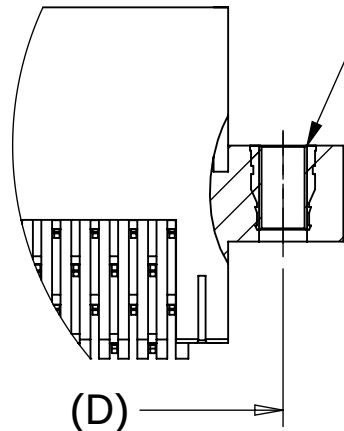
DESCRIPTION EDGE CARD, .050 CC, RAB		
PART NUMBER __B__D__, (DHA, DHB)		
SIZE C	DWG. NO. C10091	REV E
SCALE: 2:1		SHEET 2 OF 3

PART NUMBER	NO OF POSITIONS	A±.005[0.13]		B±.005[0.13]		C±.015[0.38]		D±.010[0.25]		E±.020[0.51]		F±.010[0.25]	
		IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM
__B05D__	5	0.200	5.08	0.300	7.62	0.490	12.45	0.776	19.71	1.090	27.69	0.350	8.89
__B06D__	6	0.250	6.35	0.350	8.89	0.540	13.72	0.826	20.98	1.140	28.96	0.400	10.16
__B09D__	9	0.400	10.16	0.500	12.70	0.690	17.53	0.976	24.79	1.290	32.77	0.550	13.97
__B10D__	10	0.450	11.43	0.550	13.97	0.740	18.80	1.026	26.06	1.340	34.04	0.600	15.24
__B13D__	13	0.600	15.24	0.700	17.78	0.890	22.61	1.176	29.87	1.490	37.85	0.750	19.05
__B14D__	14	0.650	16.51	0.750	19.05	0.940	23.88	1.226	31.14	1.540	39.12	0.800	20.32
__B15D__	15	0.700	17.78	0.800	20.32	0.990	25.15	1.276	32.41	1.590	40.39	0.850	21.59
__B20D__	20	0.950	24.13	1.050	26.67	1.240	31.50	1.526	38.76	1.840	46.74	1.100	27.94
__B22D__	22	1.050	26.67	1.150	29.21	1.340	34.04	1.626	41.30	1.940	49.28	1.200	30.48
__B25D__	25	1.200	30.48	1.300	33.02	1.490	37.85	1.776	45.11	2.090	53.09	1.350	34.29
__B30D__	30	1.450	36.83	1.550	39.37	1.740	44.20	2.026	51.46	2.340	59.44	1.600	40.64
__B34D__	34	1.650	41.91	1.750	44.45	1.940	49.28	2.226	56.54	2.540	64.52	1.800	45.72
__B35D__	35	1.700	43.18	1.800	45.72	1.990	50.55	2.276	57.81	2.590	65.79	1.850	46.99
__B40D__	40	1.950	49.53	2.050	52.07	2.240	56.90	2.526	64.16	2.840	72.14	2.100	53.34
__B45D__	45	2.200	55.88	2.300	58.42	2.490	63.25	2.776	70.51	3.090	78.49	2.350	59.69
__B50D__	50	2.450	62.23	2.550	64.77	2.740	69.60	3.026	76.86	3.340	84.84	2.600	66.04
__B55D__	55	2.700	68.58	2.800	71.12	2.990	75.95	3.276	83.21	3.590	91.19	2.850	72.39
__B60D__	60	2.950	74.93	3.050	77.47	3.240	82.30	3.526	89.56	3.840	97.54	3.100	78.74
__B64D__	64	3.150	80.01	3.250	82.55	3.440	87.38	3.726	94.64	4.040	102.62	3.300	83.82
__B65D__	65	3.200	81.28	3.300	83.82	3.490	88.65	3.776	95.91	4.090	103.89	3.350	85.09
__B66D__	66	3.250	82.55	3.350	85.09	3.540	89.92	3.826	97.18	4.140	105.16	3.400	86.36
__B70D__	70	3.450	87.63	3.550	90.17	3.740	95.00	4.026	102.26	4.340	110.24	3.600	91.44
__B75D__	75	3.700	93.98	3.800	96.52	3.990	101.35	4.276	108.61	4.590	116.59	3.850	97.79
__B80D__	80	3.950	100.33	4.050	102.87	4.240	107.70	4.526	114.96	4.840	122.94	4.100	104.14
__B85D__	85	4.200	106.68	4.300	109.22	4.490	114.05	4.776	121.31	5.090	129.29	4.350	110.49
__B90D__	90	4.450	113.03	4.550	115.57	4.740	120.40	5.026	127.66	5.340	135.64	4.600	116.84
__B95D__	95	4.700	119.38	4.800	121.92	4.990	126.75	5.276	134.01	5.590	141.99	4.850	123.19
__B100D__	100	4.950	125.73	5.050	128.27	5.240	133.10	5.526	140.36	5.840	148.34	5.100	129.54
__B105D__	105	5.200	132.08	5.300	134.62	5.490	139.45	5.776	146.71	6.090	154.69	5.350	135.89
__B108D__	108	5.350	135.89	5.450	138.43	5.640	143.26	5.926	150.52	6.240	158.50	5.500	139.70
__B110D__	110	5.450	138.43	5.550	140.97	5.740	145.80	6.026	153.06	6.340	161.04	5.600	142.24
__B120D__	120	5.950	151.13	6.050	153.67	6.240	158.50	"N" MOUNTING ONLY				6.100	154.94



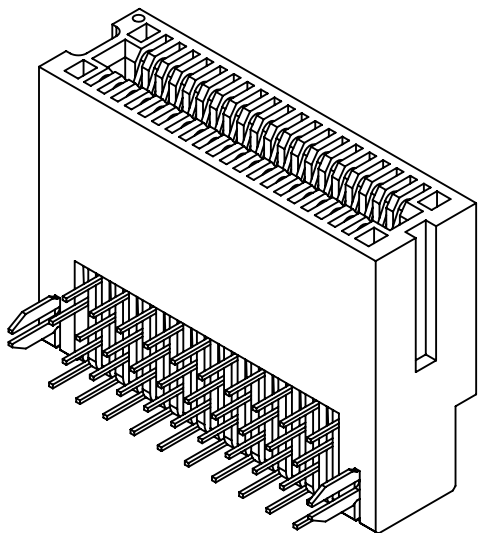
__B__D__S

2X # 4-40
THREADED INSERTS

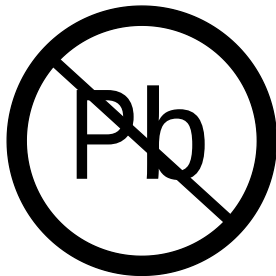


__B__D__T

MOUNTING STYLES



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RoHS COMPLIANT

DESCRIPTION EDGE CARD, .050 CC, RAB		
PART NUMBER __B__D__, (DHA, DHB)		
SIZE C	DWG. NO. C10091	REV E
SCALE: 4:1		SHEET 3 OF 3