

PART NUMBER CODING

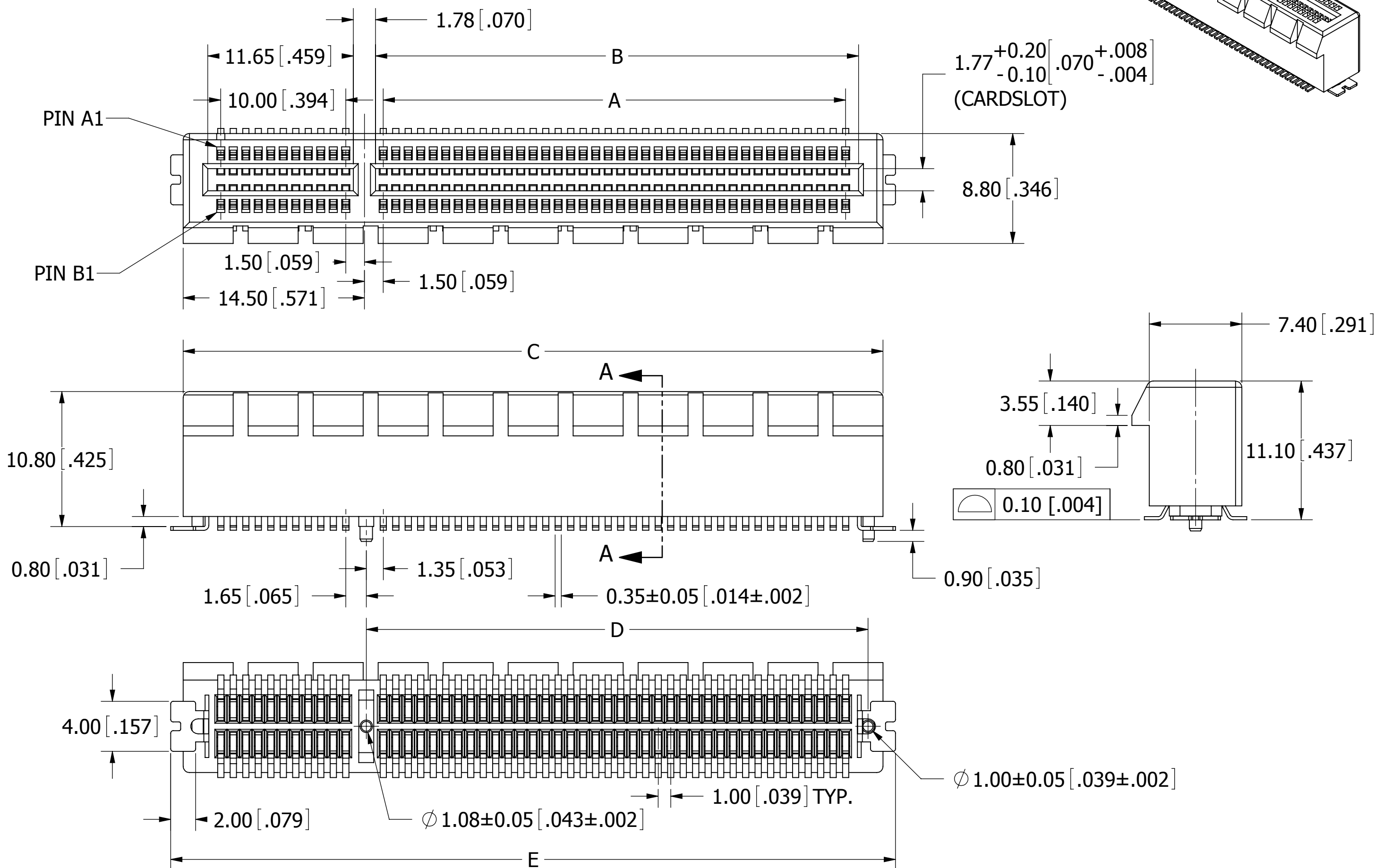
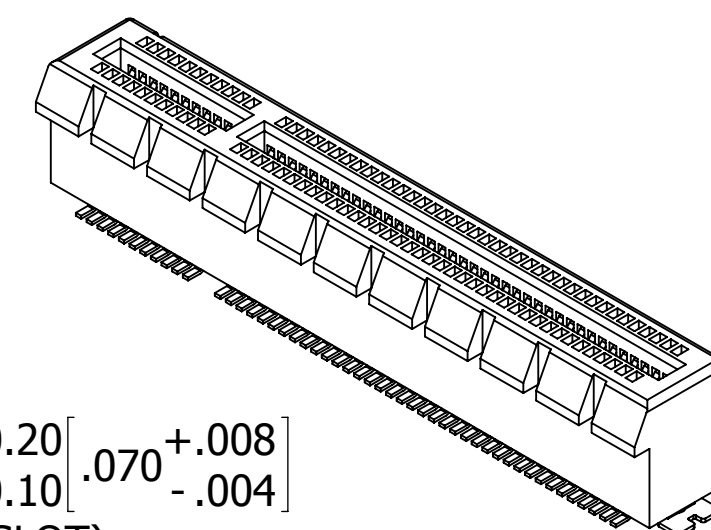
G E _ _ DHFN-T951

REVISIONS				
REV.	ECO. NO	DESCRIPTION	DATE	BY
A	1912	INITIAL RELEASE	2/5/2009	JH

PLATING:

(ALL PLATINGS ARE LEAD FREE AND HAVE 50μ" NICKEL UNDERPLATE)

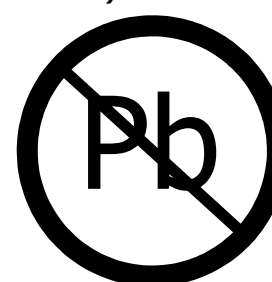
CONTACT SURFACE	TERMINATION	POSITIONS
W= GOLD FLASH	.000100" PURE TIN, MATTE	18
B= .000010" GOLD	.000100" PURE TIN, MATTE	32
C= .000030" GOLD	.000100" PURE TIN, MATTE	49
		82



NOTES:

- INSULATOR MATERIAL: PA9T, UL 94V-0, BLACK COLOR.
 - CONTACT MATERIAL: PHOSPHOR BRONZE.
 - CONTACT PLATING: SEE PART NUMBER CODING.
 - CURRENT RATING: 1.1 AMP.
 - INSULATOR RESISTANCE: 1000 MEGOHMS MIN.
 - CONTACT RESISTANCE: 30 MILLI OHMS MAX.
 - DIELECTRIC WITHSTANDING: AC 300V.
 - INSERTION FORCE: 117gf (1.15 N) MAX PER CONTACT PAIR USING A 1.7 mm (.067") STEEL CARD.
 - WITHDRAWAL FORCE: 15.3gf (0.15 N) MIN PER CONTACT PAIR USING A 1.44 mm (.057") STEEL CARD.
 - OPERATING TEMPERATURE: -55° C TO +85° C.
 - PROCESSING TEMP.: 260° C FOR 10 SECS MAX.
- (INDICATED TEMPERATURE AND TIME IS FOR COMPONENT INSULATOR. HIGHER PROCESSING TEMPERATURES MAY BE USED, PROVIDED HEAT IS APPLIED FROM BACK SIDE OF PCB, AND INSULATOR DOES NOT EXCEED INDICATED TEMPERATURE AND TIME.)

PART NUMBER	POSITIONS/ CONTACTS	A ± 0.10 [.004]		B +0.15/-0.05 [+0.006/-0.002]		C ± 0.23 [.009]		D ± 0.20 [.008]		E ± 0.20 [.008]	
		MM	[INCH]	MM	[INCH]	MM	[INCH]	MM	[INCH]	MM	[INCH]
G_E18DHFN-T951	18/36	6.00	0.236	7.65	0.301	25.00	0.984	9.15	0.360	27.00	1.063
G_E32DHFN-T951	32/64	20.00	0.787	21.65	0.852	39.00	1.535	23.15	0.911	41.00	1.614
G_E49DHFN-T951	49/98	37.00	1.457	38.65	1.522	56.00	2.205	40.15	1.581	58.00	2.283
G_E82DHFN-T951	82/164	70.00	2.756	71.65	2.821	89.00	3.504	73.15	2.880	91.00	3.583

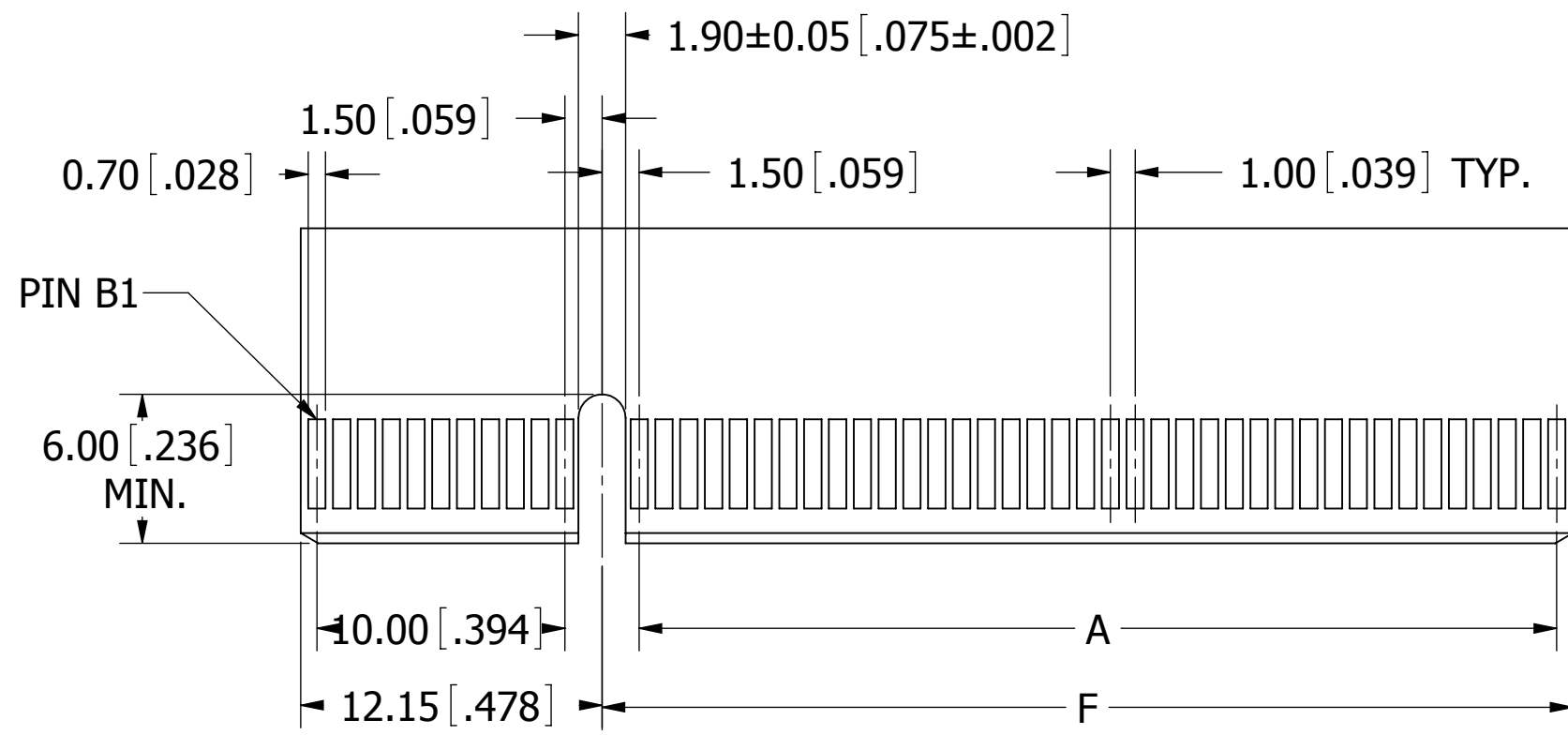


RoHS COMPLIANT

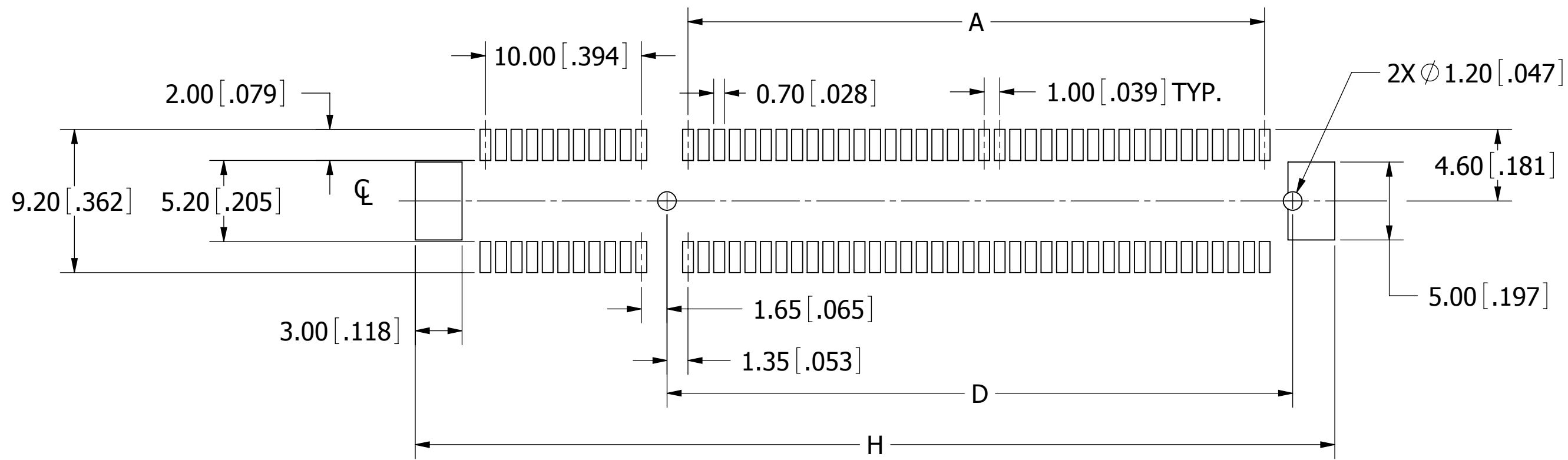
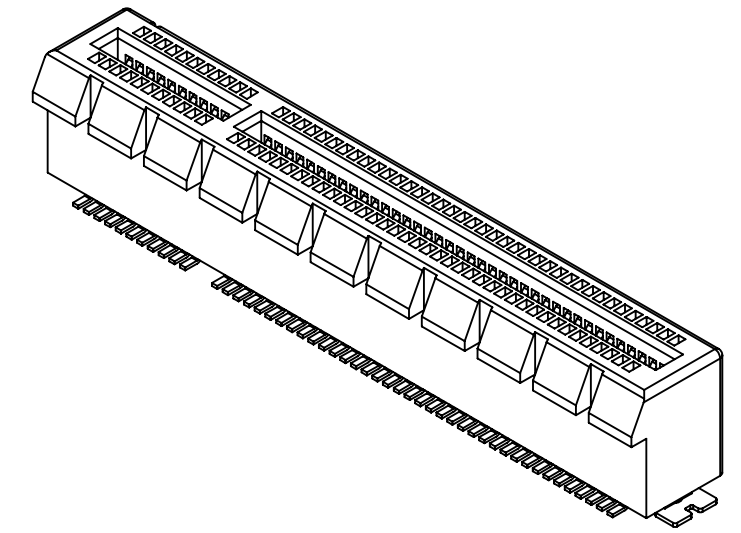
UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MM [INCHES]
TOLERANCES:
ANGULAR: ± 5°
.X = ± .3 [.01]
.XX = ± .20 [.008]
.XXX = ± .100 [.0040]
SURFACE FINISH: 63 R_a
REMOVE ALL BURRS AND SHARP EDGES .010 MAX

INTERPRET DIMENSIONS AND GEOMETRIC TOLERANCING PER: ANSI Y14.5M-1994

DATE	NAME	SULLINS CONNECTOR SOLUTIONS	
DRAWN 2/17/09	JH	DESCRIPTION PCI EXPRESS, 1mm CC SMT POST	
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.		PART NUMBER G_E_DHFN-T951	
SIZE C	DWG. NO. 11205	REV A	
SCALE: 2:1		SHEET 1 OF 2	

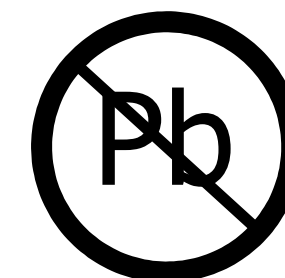


ADD-IN CARD EDGE-FINGER DIMENSIONS
(TOLERANCE: ±.05 [.002])



RECOMMENDED PCB LAYOUT

PART NUMBER	POSITIONS/ CONTACTS	A ± 0.20 [.008]		D ± 0.20 [.008]		F ± 0.20 [.008]		H ± 0.20 [.008]	
		MM	[INCH]	MM	[INCH]	MM	[INCH]	MM	[INCH]
G_E18DHFN-T951	18/36	6.00	0.236	9.15	0.360	8.15	0.321	28.00	1.102
G_E32DHFN-T951	32/64	20.00	0.787	23.15	0.911	22.15	0.872	42.00	1.654
G_E49DHFN-T951	49/98	37.00	1.457	40.15	1.581	39.15	1.541	59.00	2.323
G_E82DHFN-T951	82/164	70.00	2.756	73.15	2.880	72.15	2.841	92.00	3.622



RoHS COMPLIANT

DESCRIPTION PCI EXPRESS, 1mm CC SMT POST		
PART NUMBER G_E_DHFN-T951		
SIZE C	DWG. NO. 11205	REV A
SCALE: NTS		SHEET 2 OF 2