

PART NUMBER CODING

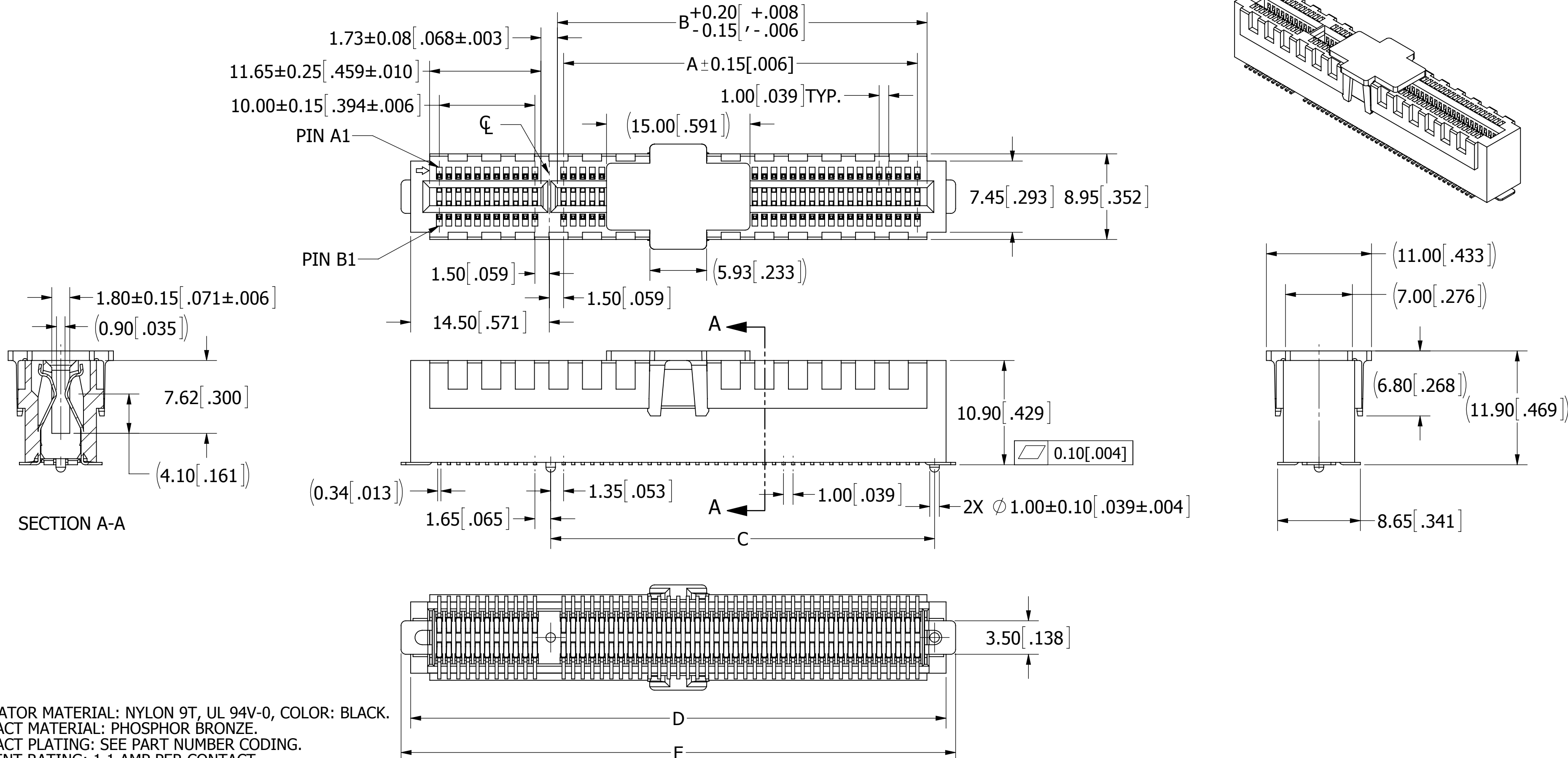
G E DHFN-T951

PLATING:

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

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

REVISIONS				
REV.	ECO. NO	DESCRIPTION	DATE	BY
B	2069	ADD I/O PANEL SECONDARY SIDE VIEW AND TABLE "G", UPDATE DRAWING AND TABLE OF TOLERANCE	05/17/2010	LH
C	2740	ADD CAP ON PARTS AND UPDATE SHAPE, 3 - VIEWS & NOTES, CARD SLOT WIDE 1.80mm(WAS 1.77mm) & 1.73mm(WAS 1.78mm, BETWEEN BOTH CARD SLOT THICKNESS), CANCEL DIMENSION TABLE TOLERANCES, SHOW ON THE TOP VIEW.	04/18/2013	LH

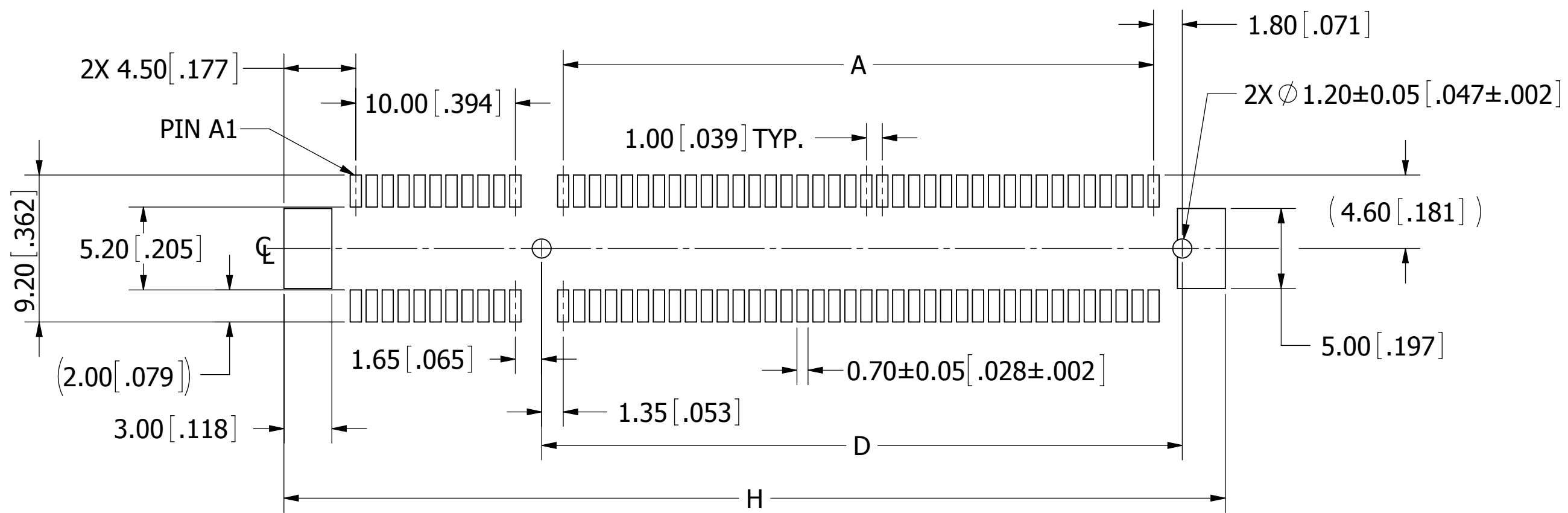


- NOTES:**
- INSULATOR MATERIAL: NYLON 9T, UL 94V-0, COLOR: BLACK.
 - CONTACT MATERIAL: PHOSPHOR BRONZE.
 - CONTACT PLATING: SEE PART NUMBER CODING.
 - CURRENT RATING: 1.1 AMP PER CONTACT.
 - VOLTAGE RATING: 50 VAC.
 - INSULATOR RESISTANCE: 1000 MEGOHMS MIN.
 - CONTACT RESISTANCE: 30 MILLI OHMS MAX.
 - DIELECTRIC WITHSTANDING: 500V AC.
 - OPERATING TEMPERATURE: -10 °C TO +85 °C.
 - PROCESSING TEMP.: 260° C FOR 10 SECS MAX.
 - INSERTION FORCE: 117gf (1.15 N) MAX PER CONTACT PAIR USING A 1.70 mm (.067") STEEL CARD.
 - WITHDRAWAL FORCE: 15gf (0.15 N) MIN PER CONTACT PAIR USING A 1.44 mm (.057") STEEL CARD.

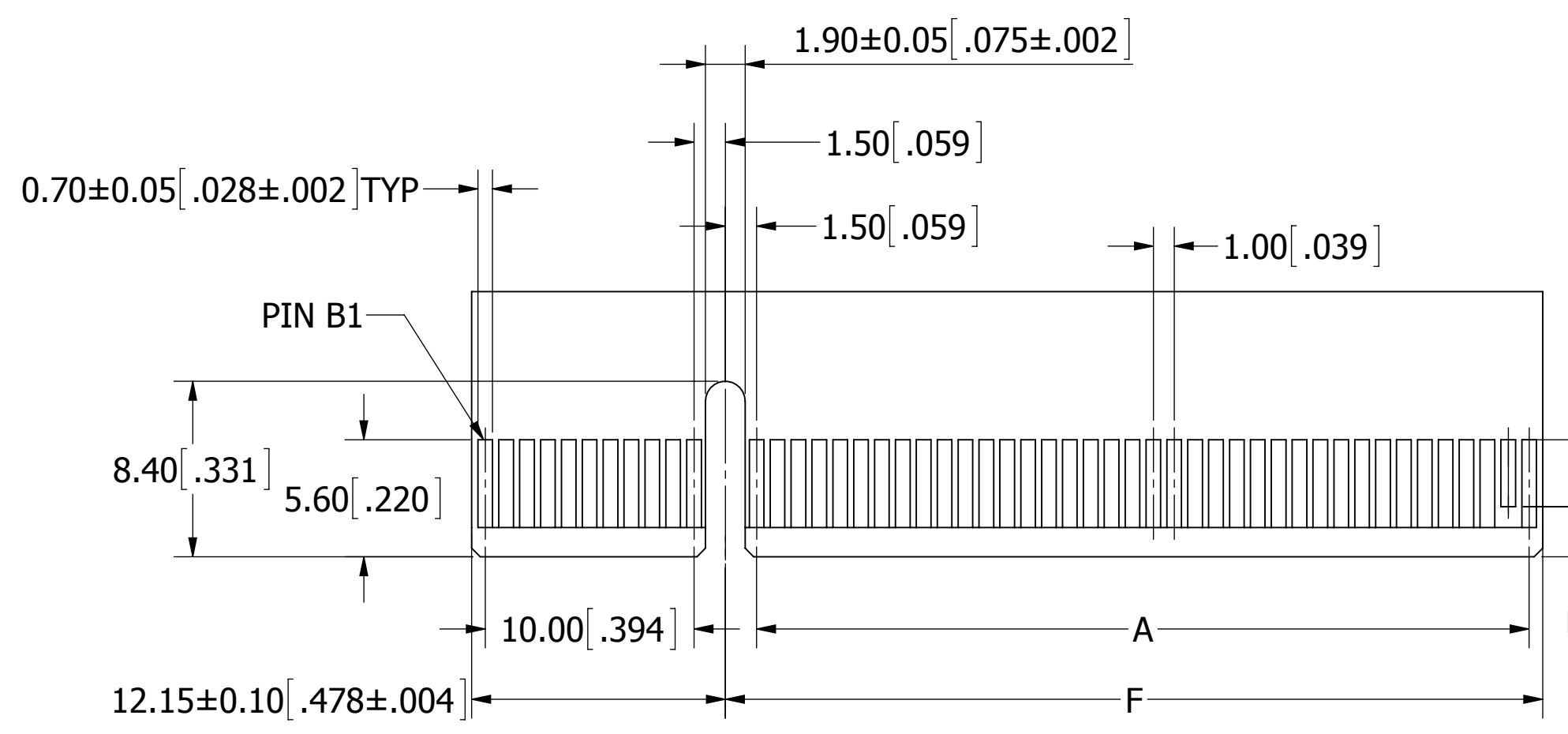
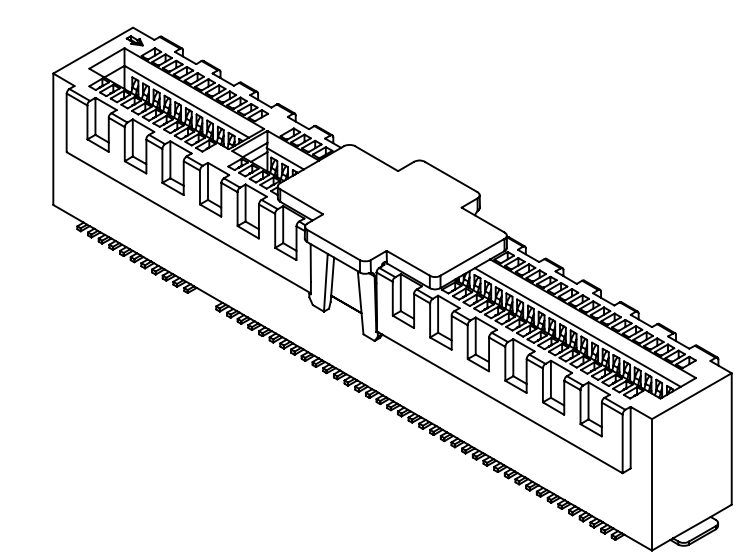
PART NUMBER	POSITIONS/ CONTACTS	A		B		C		D		E	
		MM	[INCH]	MM	[INCH]	MM	[INCH]	MM	[INCH]	MM	[INCH]
G_E18DHFN-T951	18/36	6.00	0.236	7.65	0.301	9.15	0.360	25.00	0.984	27.00	1.063
G_E32DHFN-T951	32/64	20.00	0.787	21.65	0.852	23.15	0.911	39.00	1.535	41.00	1.614
G_E49DHFN-T951	49/98	37.00	1.457	38.65	1.522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



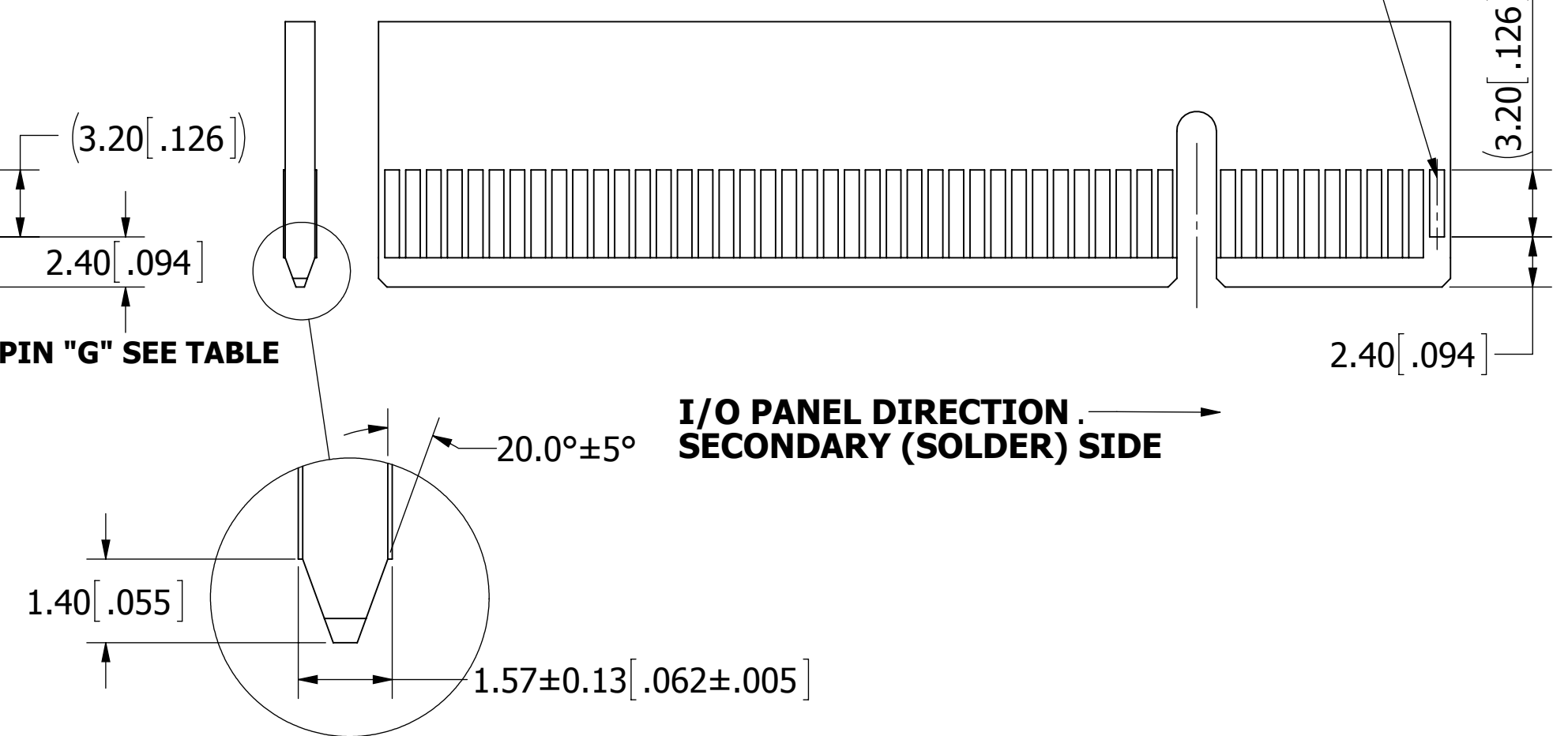
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MM[INCHES]	DRAWN	DATE	NAME	
		02/05/09	JH	
TOLERANCES: ANGULAR: ± 3' DECIMALS .X= ± 0.35 [.014] .XX= ± 0.25 [.010] .XXX= ± 0.08 [.0031]	THE INFORMATION HEREIN CONTAINS PROPRIETARY INFORMATION OF SULLINS ELECTRONICS AND IS NOT TO BE REPRODUCED, USED OR DISCLOSED TO OTHERS FOR ANY PURPOSE EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY AN OFFICER OF SULLINS ELECTRONICS.			TITLE
				PCI EXPRESS, 1mm CC, SMT
PART NUMBER				G_E_DHFN-T951
SIZE	CAGE CODE	DWG. NO.	REV	
C	54453	11205	C	
SCALE: 3:1			SHEET 1 OF 2	



RECOMMENDED PCB LAYOUT



**I/O PANEL DIRECTION
PRIMARY (COMPONENT) SIDE**



**I/O PANEL DIRECTION
SECONDARY (SOLDER) SIDE**

**DETAIL A
SCALE 10 : 1**

PART NUMBER	POSITIONS/ CONTACTS	A ± 0.13 [.005]		D ± 0.13 [.005]		F ± 0.10 [.004]		H ± 0.13 [.005]		PIN "G"
		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	B17
G_E32DHFN-T951	32/64	20.00	0.787	23.15	0.911	22.15	0.872	42.00	1.654	B31
G_E49DHFN-T951	49/98	37.00	1.457	40.15	1.581	39.15	1.541	59.00	2.323	B48
G_E82DHFN-T951	82/164	70.00	2.756	73.15	2.880	72.15	2.841	92.00	3.622	B81



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DIMENSIONS ARE IN MM[INCHES]

TOLERANCES:
ANGULAR: ± 3'

DECIMALS
.X= ± 0.35 [.014]
.XX= ± 0.25 [.010]
.XXX= ± 0.08 [.0031]

DRAWN	DATE	NAME		
	02/05/09	JH		
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			PART NUMBER G_E_DHFN-T951	
SIZE	CAGE CODE	DWG. NO.		
C	54453	11205		
SCALE: 1:5			SHEET 2 OF 2	