

PART NUMBER CODING

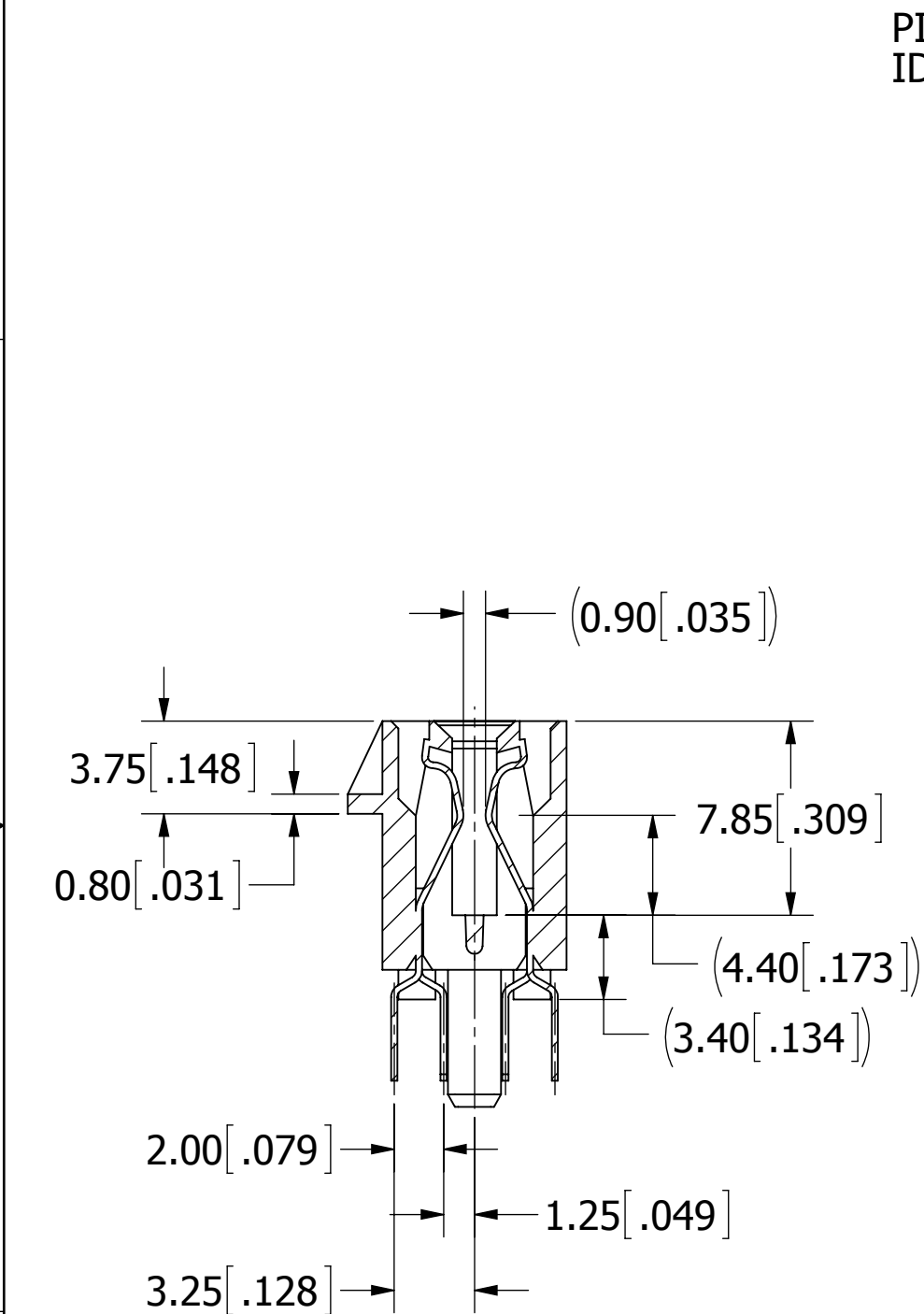
MATERIAL (INSULATOR / CONTACT)

N= NYLON 9T / PHOSPHOR BRONZE
G= NYLON 9T / PHOSPHOR BRONZE
(‘N’ & ‘G’ ARE EQUIVALENT)

PLATING

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

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

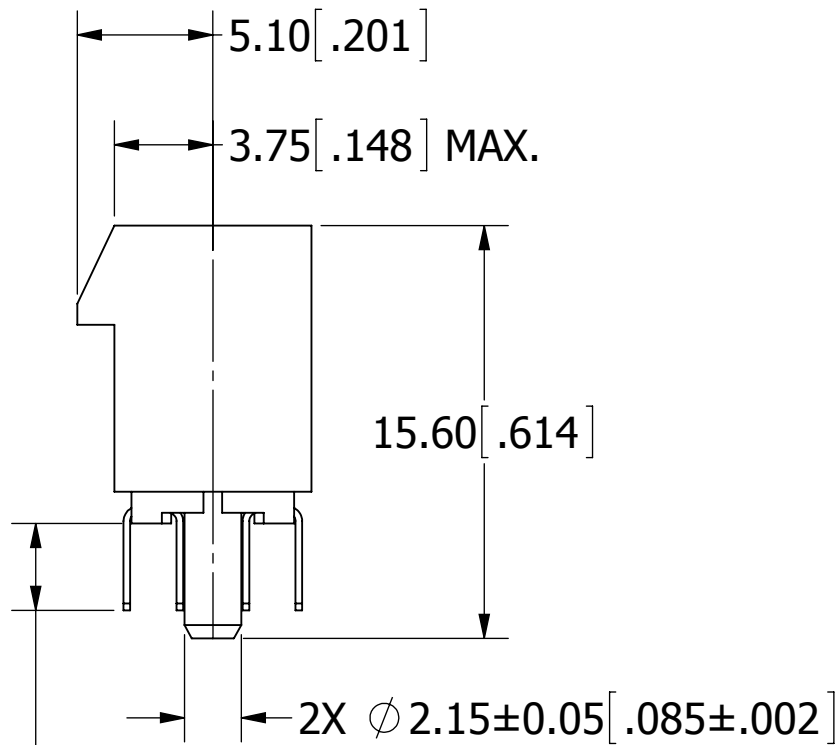
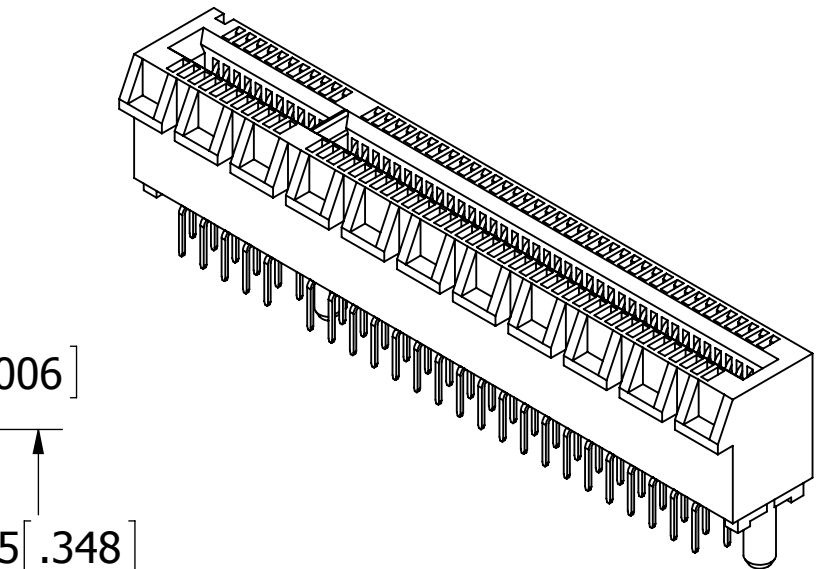
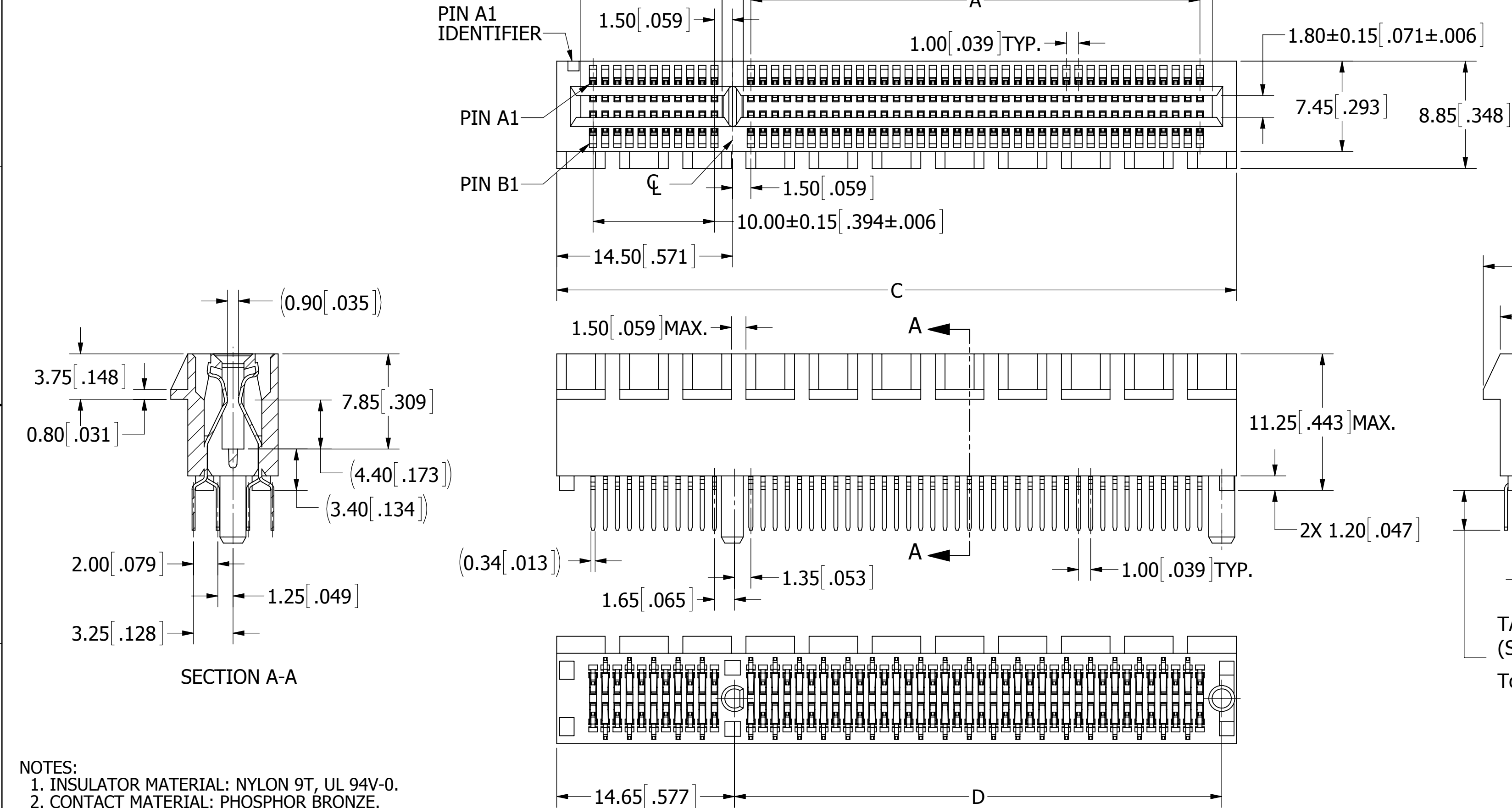


SECTION A-A

NOTES:

1. INSULATOR MATERIAL: NYLON 9T, UL 94V-0.
2. CONTACT MATERIAL: PHOSPHOR BRONZE.
3. CONTACT PLATING: SEE PART NUMBER CODING.
4. CURRENT RATING: 1.1 AMP PER CONTACT.
5. VOLTAGE RATING 50 VAC.
6. INSULATOR RESISTANCE: 1000 MEGOHMS MIN.
7. CONTACT RESISTANCE: 30 MILLI OHMS MAX.
8. DIELECTRIC WITHSTANDING: 500 VAC.
9. INSERTION FORCE: 117.3gf (1.15 N) MAX PER CONTACT PAIR USING A 1.70 mm (.067") STEEL CARD.
10. WITHDRAWAL FORCE: 15.31gf (0.15 N) MIN PER CONTACT PAIR USING A 1.44 mm (.057") STEEL CARD.
11. OPERATING TEMPERATURE: -10° C TO +85° C.
12. PROCESSING TEMP: 260° C FOR 10 SEC. MAX.

PART NUMBER	POSITIONS/ CONTACTS	A ± 0.15 [.006]		B +0.20/-0.15 [+ .008/- .006]		C ± 0.30 [.012]		D ± 0.10 [.004]	
		MM	[INCH]	MM	[INCH]	MM	[INCH]	MM	[INCH]
_E18DHHN-T9_1	18/36	6.00	0.236	7.65	0.301	25.00	0.984	9.15	0.360
_E32DHHN-T9_1	32/64	20.00	0.787	21.65	0.852	39.00	1.535	23.15	0.911
_E49DHHN-T9_1	49/98	37.00	1.457	38.65	1.522	56.00	2.205	40.15	1.581
_E82DHHN-T9_1	82/164	70.00	2.756	71.65	2.821	89.00	3.504	73.15	2.880



TAIL LENGTH
(SEE PART NUMBER CODING)
Tol. .XX^{+0.25}_{-0.13} .XXX^{+0.010}_{-.005}

REVISIONS				
REV.	ECO. NO	DESCRIPTION	DATE	BY
E	2536	UPDATE PROCESSING TEMPERATURE	03/02/2012	LH
F	2740	REPLACE NYLON 46 WITH NYLON 9T, UPDATED NOTES, CARD SLOT WIDE 1.80mm(WAS 1.77mm) & DIMENSION TABLE TOLERANCES	04/30/2013	LH

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MM[INCHES]

TOLERANCES:

ANGULAR: ± 3°

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

DRAWN
03/09/2009

DATE
JH

NAME

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, DIP SOLDER(GEN 1)

PART NUMBER
_E_DHHN-T9_1

SIZE
C

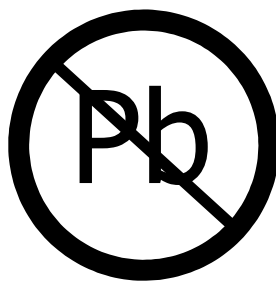
CAGE CODE
54453

DWG. NO.
11045

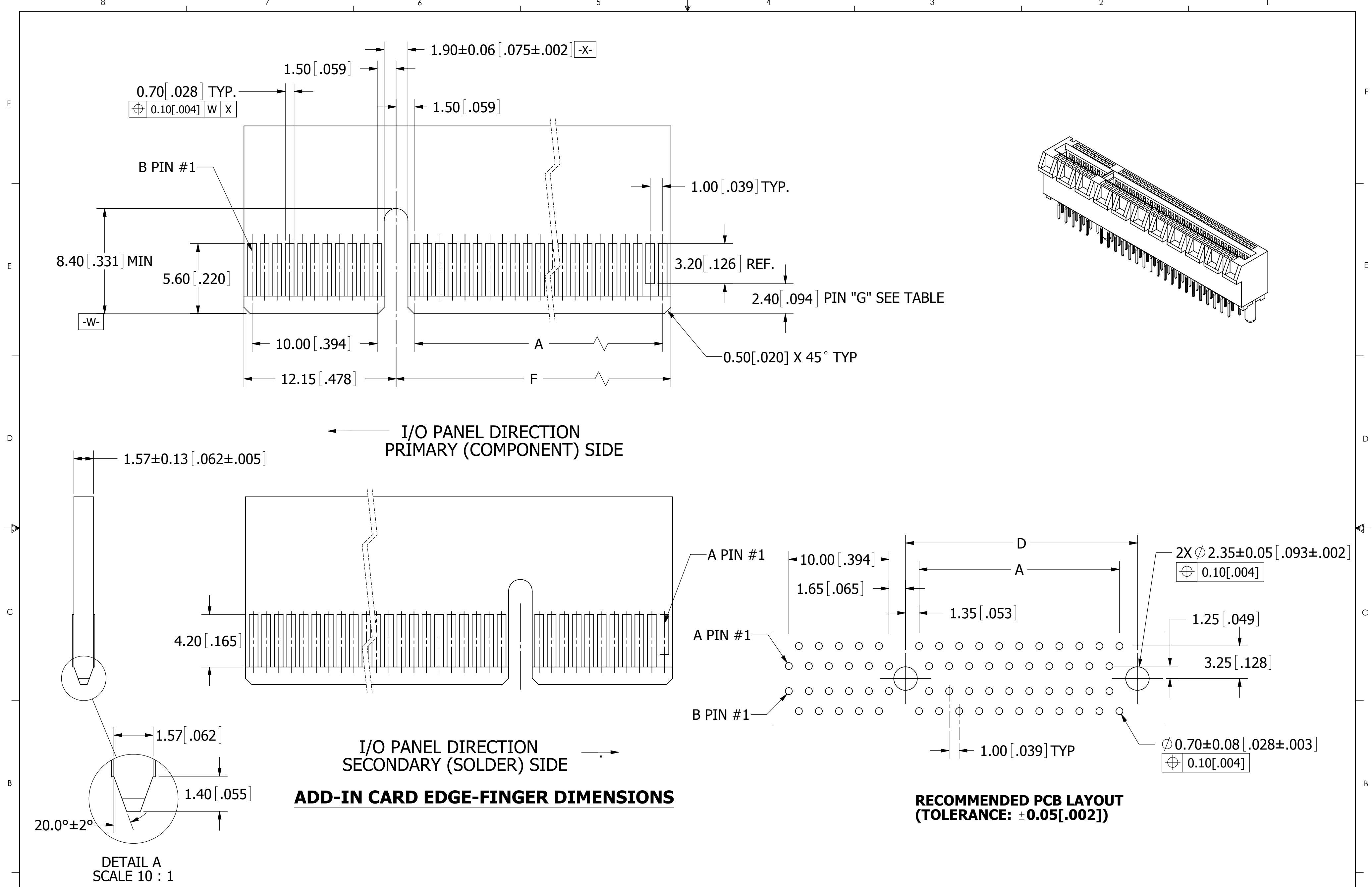
REV
F

SCALE: 3.5:1

SHEET 1 OF 2



RoHS COMPLIANT



PART NUMBER	POSITIONS/ CONTACTS	A		D ± 0.10 [.004]		F ± 0.13 [.005]		PIN "G"
		MM	[INCH]	MM	[INCH]	MM	[INCH]	
__E18DHHN-T9_1	18/36	6.00	0.236	9.15	0.360	8.15	0.321	B17
__E32DHHN-T9_1	32/64	20.00	0.787	23.15	0.911	22.15	0.872	B31
__E49DHHN-T9_1	49/98	37.00	1.457	40.15	1.581	39.15	1.541	B48
__E82DHHN-T9_1	82/164	70.00	2.756	73.15	2.880	72.15	2.841	B81



UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MM[INCHES]

TOLERANCES:

ANGULAR: ± 3°

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

DRAWN
03/09/2009

DATE
JH

NAME

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, DIP SOLDER(GEN 1)

PART NUMBER
__E__DHHN-T9_1

SIZE
C

CAGE CODE
54453

DWG. NO.
11045

REV
F

SCALE: 2:1

SHEET 2 OF 2