

PART NUMBER CODING

E_DHRN-T94_0

MATERIAL (INSULATOR/CONTACT)

N = NYLON 46 / PHOSPHOR BRONZE
OPERATING TEMPERATURE: -10°C TO +85°C
PROCESSING TEMPERATURE: WAVE ONLY

G = NYLON 9T / PHOSPHOR BRONZE
OPERATING TEMPERATURE: -10°C TO +85°C
*PROCESSING TEMPERATURE: 260°C FOR 5 SEC MAX

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

POSITIONS

18
32
49
82

COLOR

1= BLACK
6= WHITE

REVISIONS

REV.	ECO. NO	DESCRIPTION	DATE	BY
A	1595	INITIAL RELEASE	04/01/08	VJ
B	1707	UPDATE P/N CODING CHART, PLATING	05/30/08	ASK
C	1946	UPDATE NOTES, TOLERANCE BLOCK, COLOR CODES	07/08/09	JH
D	2252	ADD INSULATOR MATERIAL NYLON 9T AND ISO VIEW WITH CAP, UPDATE DIM "F", NOTES, TOLERANCE TABLE & TEMP SPEC.	03/10/2011	LH
E	2337	UPDATE TABLE DIM "F"	08/17/2011	LH
F	2536	UPDATE PROCESSING FOR "N" MTL	3/30/2012	JH

PIN #A1 IDENTIFIER

PIN A1

2X 1.70±0.05 [.067±.002]

PIN B1

C

1.73±0.08 [.068±.003]

1.50 [.059]

PIN A 'N+12'

7.50 [.295] MAX.

PIN B 'N+12'

B

A

SEE NOTE 15

10.25 [.404] MAX.

A

1.00 [.039] TYP.

A

3.00 [.118]

0.34 [.013] TYP.

10.00 [.394]

F

0.00[+.000]
-0.10[-.004]

2X 1.00 [.039]

N_E_DHRN-T94_0

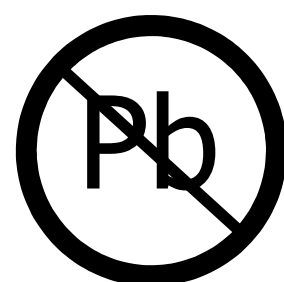
G_E_DHRN-T94_0,
WITH CAP
(SEE NOTE 14)

SECTION A-A

NOTES:

1. INSULATOR MATERIAL: SEE PART NUMBER CODING, UL 94V-0.
2. CONTACT MATERIAL: SEE PART NUMBER CODING.
3. CONTACT PLATING: SEE PART NUMBER CODING.
4. CURRENT RATING: 1.1 AMP PER CONTACT.
5. VOLTAGE RATING: 50 V AC/DC.
6. INSULATOR RESISTANCE: 1000 MEGOHMS MIN.
7. CONTACT RESISTANCE: 30 MILLI OHMS MAX.
8. DIELECTRIC WITHSTANDING: 300V AC.
9. OPERATING TEMP.: SEE PART NUMBER CODING.
10. *PROCESSING TEMP.: SEE PART NUMBER CODING.
11. BOARD THICKNESS ACCOMMODATED: 1.57mm±0.20[.062±.008]
12. INSERTION FORCE: 117.3g(1.173N) MAX PER CONTACT PAIR WHEN USING A 1.70mm[.067"] TEST BLADE.
13. WITHDRAWAL FORCE: 15.31g(0.153N) MIN PER CONTACT PAIR USING A 1.44mm[.057"] PCB.
14. PARTS WITH 'G' MATERIAL CODE HAVE CAPS, SUITABLE FOR IR REFLOW PROCESS.
15. CAP DIMENSIONS APPLICABLE FOR PARTS WITH 'G' MATERIAL CODE ONLY.

*(INDICATED TEMPERATURE AND TIME IS FOR COMPONENT INSULATOR. HIGHER PROCESSING TEMPERATURE MAY BE USED, PROVIDED HEAT IS APPLIED FROM BACK SIDE OF PCB, AND INSULATOR DOES NOT EXCEED INDICATED TEMPERATURE AND TIME.)



RoHS COMPLIANT

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MM[INCHES]

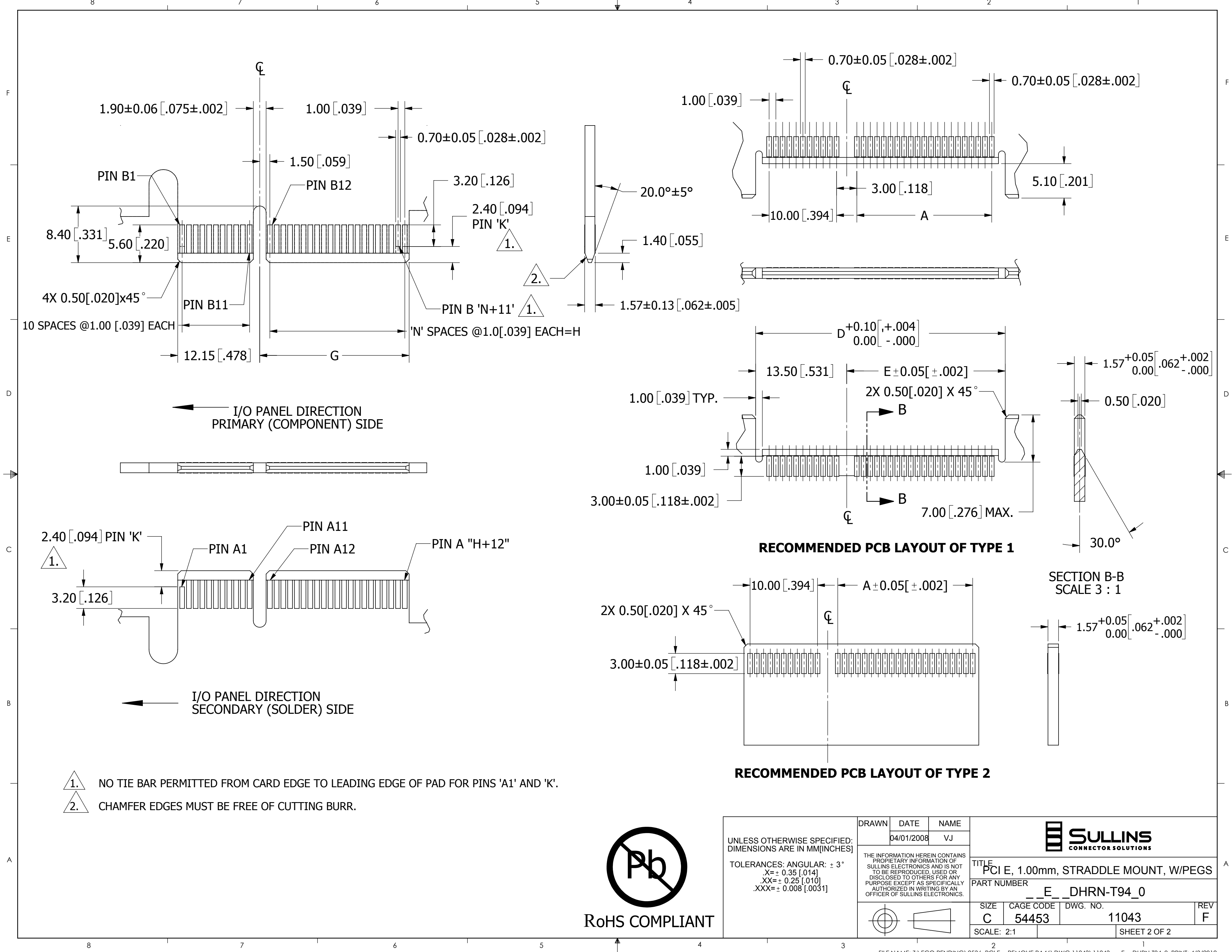
TOLERANCES: ANGULAR: ± 3°
.X= ± .35 [.014]
.XX= ± .25 [.010]
.XXX= ± .080 [.0031]

DRAWN DATE NAME
04/01/2008 VJ

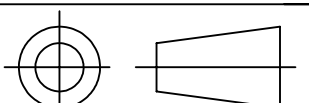
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TITLE PCI E, 1.00mm, STRADDLE MOUNT, W/PEGS	
PART NUMBER _E_DHRN-T94_0	
SIZE C	CAGE CODE 54453
DWG. NO. 11043	REV F
SCALE: 3:1	
SHEET 1 OF 2	



RoHS COMPLIANT

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MM[INCHES]	DRAWN	DATE	NAME				
		04/01/2008	VJ				
	TOLERANCES: ANGULAR: ± 3° .X= ± 0.35 [.014] .XX= ± 0.25 [.010] .XXX= ± 0.008 [.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 E, 1.00mm, STRADDLE MOUNT, W/PEGS		
					PART NUMBER _E_ _DHRN-T94_0		
	SIZE C		CAGE CODE 54453		DWG. NO. 11043		REV F
	SCALE: 2:1					SHEET 2 OF 2	