

PART NUMBER CODING

DHRQ-T94

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

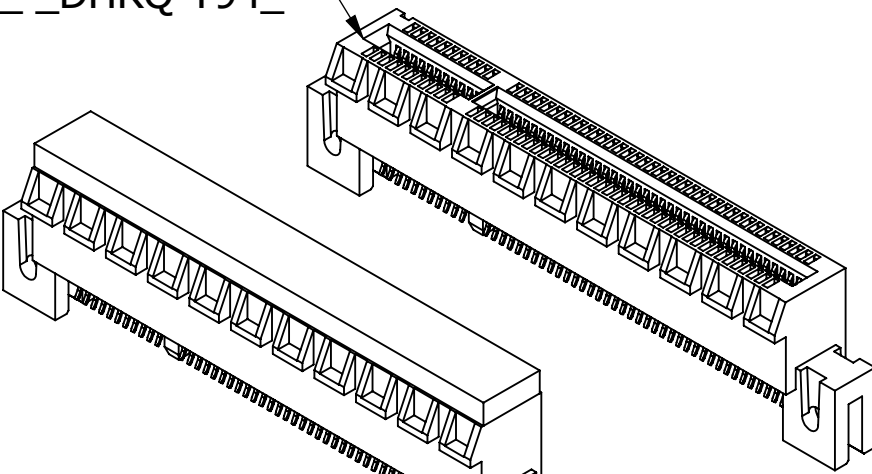
COLOR

1= BLACK
6= WHITE

REVISIONS

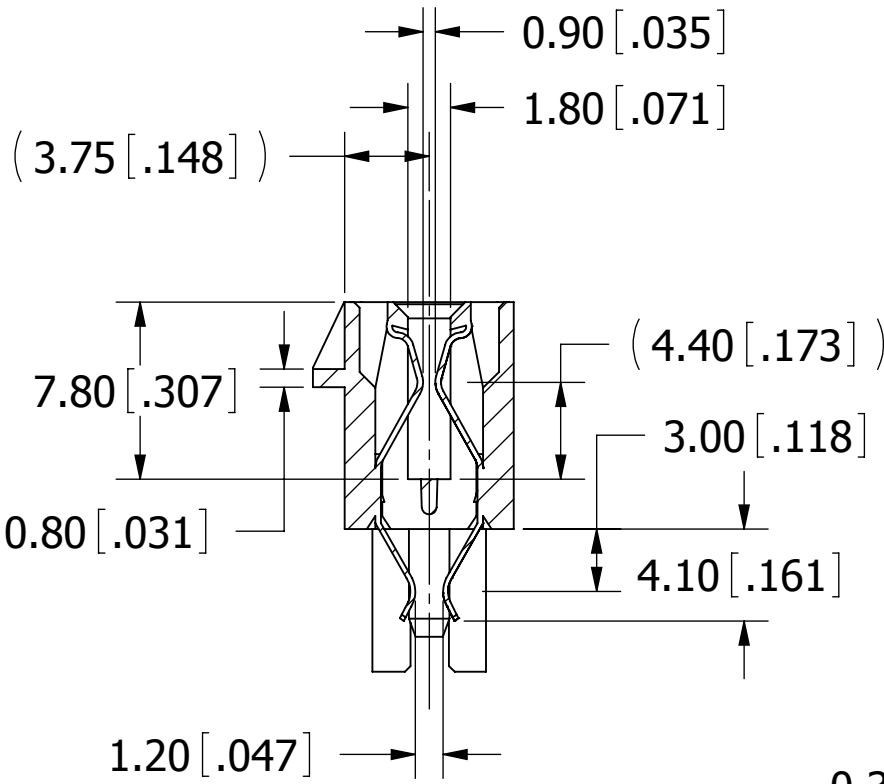
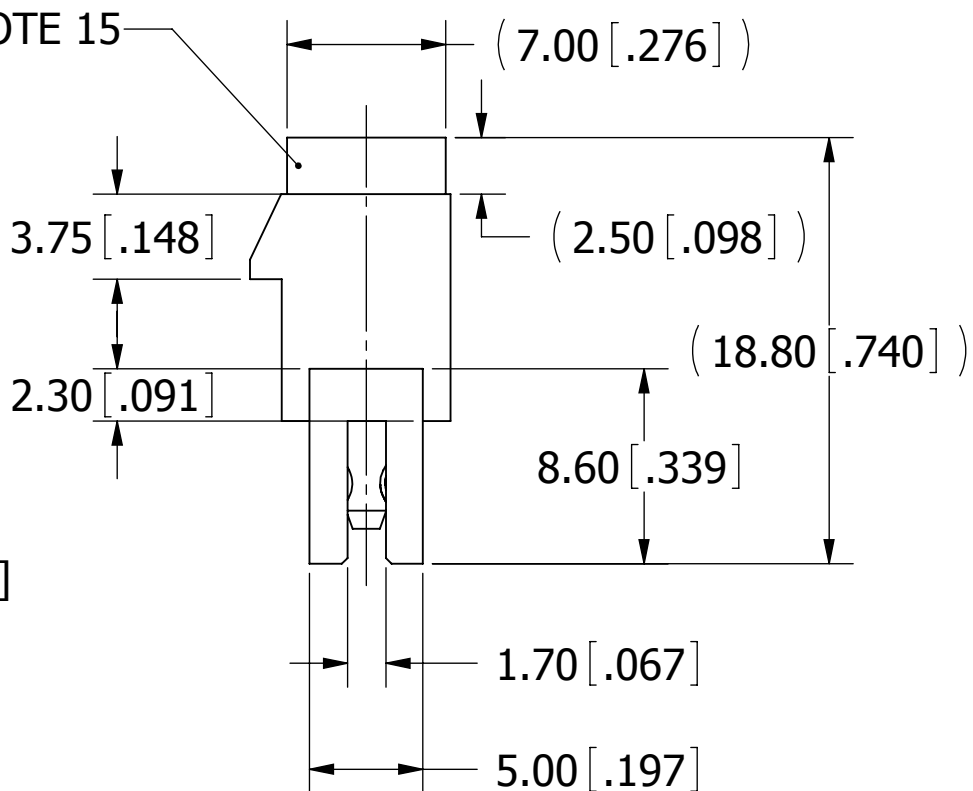
REV.	ECO. NO	DESCRIPTION	DATE	BY
A	1595	INITIAL RELEASE	04/01/08	VJ
B	1707	UPDATE P/N CODING CHART, PLATING	05/30/08	ASK
C	1946	UPDATE NOTES, TOLERANCE BLOCK, COLOR CODES	07/08/09	JH
D	2252	ADD INSULATOR MATERIAL NYLON 9T & ISO VIEW WITH CAP, UPDATE NOTES, TOLERANCE TABLE & TEMP SPEC.	03/10/2011	LH
E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

N_E_DHRQ-T94

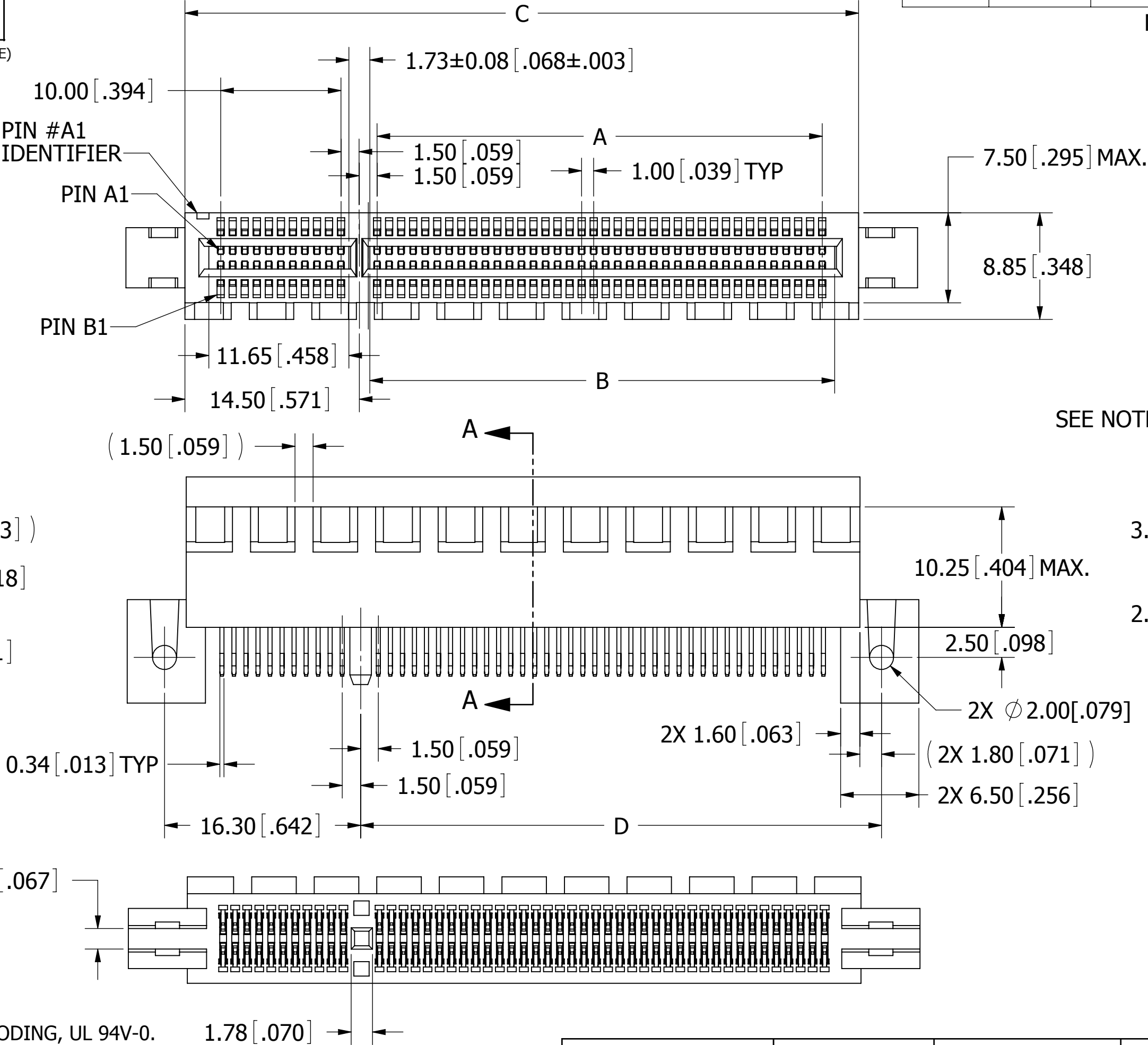


G_E_DHRQ-T94
WITH CAP
(SEE NOTE 14)

SEE NOTE 15



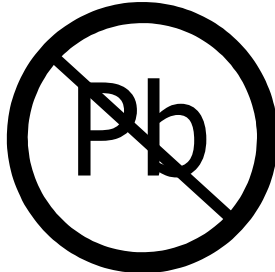
SECTION A-A
SCALE 3 : 1



- NOTES:
- INSULATOR MATERIAL: SEE PART NUMBER CODING, UL 94V-0.
 - CONTACT MATERIAL: SEE PART NUMBER CODING.
 - CONTACT PLATING: SEE PART NUMBER CODING.
 - CURRENT RATING: 1.1 AMP PER CONTACT.
 - VOLTAGE RATING: 50 V AC/DC.
 - INSULATOR RESISTANCE: 1000 MEGOHMS MIN.
 - CONTACT RESISTANCE: 30 MILLI OHMS MAX.
 - DIELECTRIC WITHSTANDING: 300V AC.
 - OPERATING TEMP.: SEE PART NUMBER CODING.
 - *PROCESSING TEMP.: SEE PART NUMBER CODING.
 - BOARD THICKNESS ACCOMMODATED: 1.57mm±0.20[.062±.008]
 - INSERTION FORCE: 117.3g(1.173 N) MAX PER CONTACT PAIR USING A 1.70mm (.067") STEEL CARD.
 - WITHDRAWAL FORCE: 15.31g(0.153 N) MIN PER CONTACT PAIR USING A 1.44mm (.057") STEEL CARD.
 - PARTS WITH 'G' MATERIAL CODE HAVE CAPS, SUITABLE FOR IR REFLOW PROCESS.
 - 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.)

PART NUMBER	POSITIONS/ CONTACTS	A		B		C		D	
		MM	[INCH]	MM	[INCH]	MM	[INCH]	MM	[INCH]
E18DHRQ-T94	18/36	6.00	0.236	7.65	0.301	25.00	0.984	12.30	0.484
E32DHRQ-T94	32/64	20.00	0.787	21.65	0.852	39.00	1.535	26.30	1.035
E49DHRQ-T94	49/98	37.00	1.457	38.65	1.522	56.00	2.205	43.30	1.705
E82DHRQ-T94	82/164	70.00	2.756	71.65	2.821	89.00	3.504	76.30	3.004



RoHS COMPLIANT

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MM[INCHES]

TOLERANCES: ANGULAR: ± 3°
.X= ± .35 [.014]
.XX= ± .25 [.010]
.XXX= ± .080 [.0030]

DRAWN	DATE	NAME
	07/07/2009	JH

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TITLE PCI E, 1.00mm[.039"] CC, STRADDLE, CLIPS			
PART NUMBER _E_DHRQ-T94_			
SIZE C	CAGE CODE 54453	DWG. NO. 11042	REV E
SCALE: 2:1		SHEET 1 OF 2	

