

**PART NUMBER CODING**  
**N E DHRQ-T94**

**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

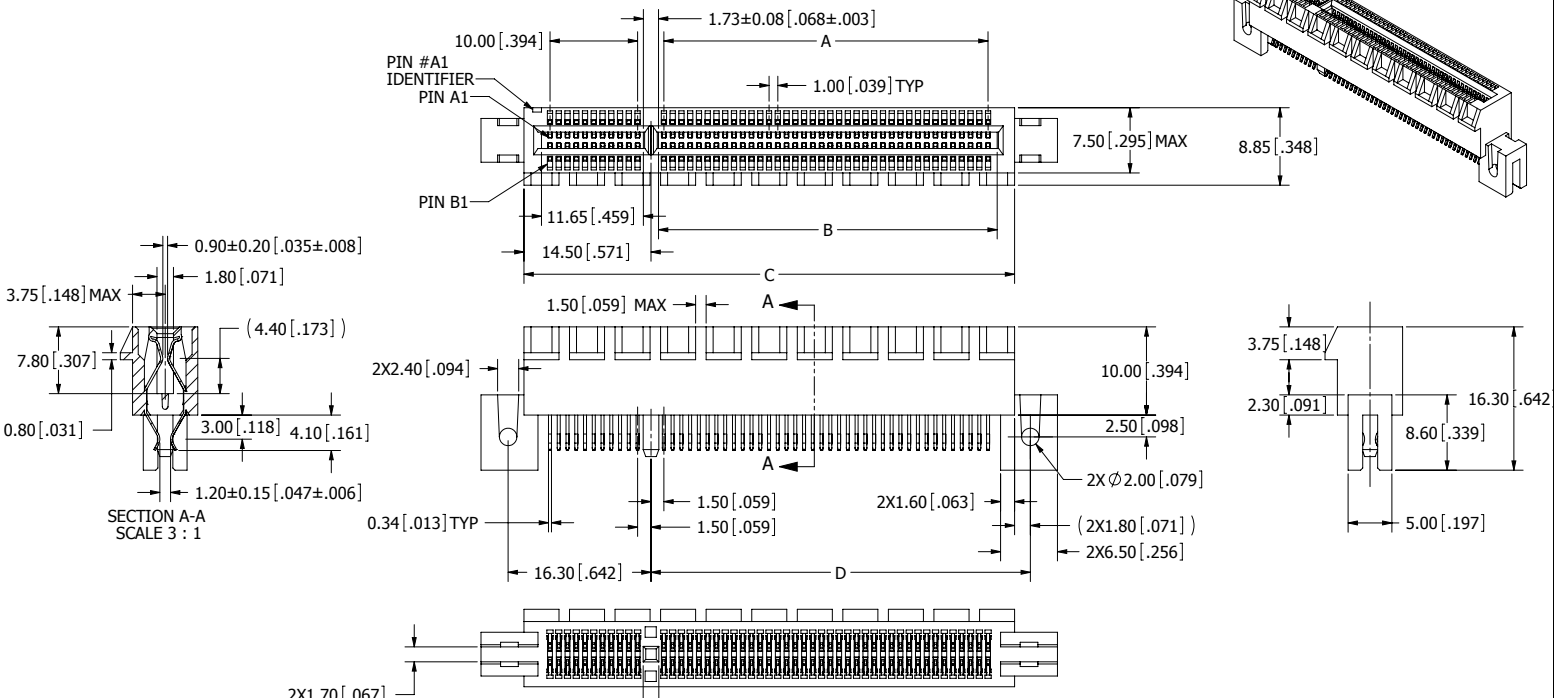
**POSITIONS**

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



- NOTES:  
 1. INSULATOR MATERIAL: NYLON46, UL 94V-0.  
 2. CONTACT MATERIAL: PHOSPHOR BRONZE.  
 3. CONTACT PLATING: SEE PART NUMBER CODING.  
 4. CURRENT RATINGS: 1.1 AMP.  
 5. VOLTAGE RATING: 50 V DC.  
 6. INSULATOR RESISTANCE: 1000 MEGOHMS MIN.  
 7. CONTACT RESISTANCE: 30 MILLI OHMS MAX.  
 8. DIELECTRIC WITHSTANDING: 500V DC.  
 9. INSERTION FORCE: 117gf (1.15 N) MAX PER CONTACT PAIR USING A 1.7 mm (.067") STEEL CARD.  
 10. WITHDRAWAL FORCE: 15.3gf (0.15 N) MIN PER CONTACT PAIR USING A 1.44 mm (.057") STEEL CARD.  
 11. OPERATING TEMPERATURE: -55° C TO +105° C.  
 12. PROCESSING TEMP.: 260° C FOR 10 SECS MAX.  
 (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]
N E18DHRQ-T94	18/36	6.00	0.236	7.65	0.301	25.00	0.984	12.30	0.484
N E32DHRQ-T94	32/64	20.00	0.787	21.65	0.852	39.00	1.535	26.30	1.035
N E49DHRQ-T94	49/98	37.00	1.457	38.65	1.522	56.00	2.205	43.30	1.705
N 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: ± 5°  
 X = ± .011  
 XX = ± .010  
 XXX = ± .0030  
 SURFACE FINISH: 63 Ra  
 REMOVE ALL BURRS AND SHARP EDGES .010 MAX  
 INTERPRET DIMENSIONS AND GEOMETRIC TOLERANCING PER: ANSI Y14.5M-1994

DATE	NAME	SULLINS CONNECTOR SOLUTIONS
7/7/09	JH	
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DESCRIPTION: PCI E, 1mm CC, STRADDLE, CLIPS PART NUMBER: N E DHRQ-T94		
SIZE	DWG. NO.	REV
C	11042	C
SCALE: 2:1		SHEET 1 OF 2

