



RECOMMENDED BOARD LAYOUT

- 1 DIMENSION APPLIES OVER 99.06mm [3.900 INCHES].
- 2 HOUSING: BLACK THERMOPLASTIC, 94V-0 RATED, HIGH TEMPERATURE COMPATIBLE. POST: COPPER ALLOY.
- 3 FINISH: 0.00254[.000100]-0.00508[.000200] MATTE TIN-LEAD ALL OVER 0.00127[.000050] NICKEL ENTIRE POST.
- 4 POINT OF MEASUREMENT FOR PLATING THICKNESS.
- 5 THE NOTED DIMENSION APPLIES AT INTERSECTION OF POST AND HOUSING.
- 6 TRUE POSITION TOLERANCE OF THE POST TIPS APPLIES WHEN THE HEADERS ARE HELD FLAT AGAINST THE PCB.
- 7 PARTS ARE TO BE PACKAGED ON A REEL.
- 8 REELED ASSEMBLIES ARE TO BE BROKEN TO THE DESIRED POSITION SIZE AND USED AS A FUNCTIONAL SUBSTITUTE/ALTERNATIVE TO THE EXISTING AMP PART NUMBER SERIES 103321 AND 146274. THESE ASSEMBLIES ARE THE SAME IN FIT AND FUNCTION, BUT THE FORM WILL BE SLIGHTLY DIFFERENT (i.e. MOLDED HOUSING APPEARANCE AND BOW, DUE TO REELING REQUIREMENTS).
- 9 THIS PART NUMBER SPECIFIES ONE(1) LINE (i.e. PIN).
- 10 FINISH: 0.00254[.000100]-0.00508[.000200] BRIGHT TIN ALL OVER 0.00127[.000050] NICKEL ENTIRE POST.
- 11 PRELIMINARY PART - NOT RELEASED FOR PRODUCTION.
- 12 FINISH: 0.00254[.000100]-0.00508[.000200] MATTE TIN ALL OVER 0.00127[.000050] NICKEL ENTIRE POST.

12	5-146852-1	9
10	146852-2	9
3	146852-1	9
PLATING	PART NUMBER	

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DIN E. BRANDBERG 05SEP97	APVD C. SCHMID 05SEP97	NAME
mm [INCHES]	0. PLC ± -	C. SCHMID 05SEP97	C. SCHMID 05SEP97	TE Connectivity
	1. PLC ± -			HEADER ASSEMBLY SINGLE ROW
	2. PLC ± -			VERTICAL, REELED, CONTINUOUS
	3. PLC ± 0.13 [0.005]			
	4. PLC ± -			
	ANGLES ± -			
MATERIAL	FINISH SEE TABLE	WEIGHT	SIZE	CAGE CODE
2			A1	00779
			DRAWING NO	RESTRICTED TO
			146852	
			CUSTOMER DRAWING	SCALE 10:1 SHEET 1 OF 1 REV D

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[TE Connectivity:](#)

[5-146852-1](#)