



RECOMMENDED BOARD LAYOUT

- 1 DIMENSION APPLIES OVER 99.06mm [3.900 INCHES].
- 2 HOUSING: BLACK THERMOPLASTIC, 94V-0 RATED, HIGH TEMPERATURE COMPATIBLE. POST: PHOSPHOR BRONZE.
- 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 103328 AND 146254. 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	5-146851-1	9
10	146851-2	9
3	146851-1	9
PLATING		PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWG: E. BRANDBERG 05SEP97	 Tyco Electronics Corporation Harrisburg, Pa 17105-3608
DIMENSIONS: mm [INCHES]		CHK: C. SCHMID 05SEP97	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: C. SCHMID 05SEP97	NAME: HEADER ASSEMBLY, DOUBLE ROW, VERTICAL, REELED, CONTINUOUS
0 PLC ± -	1 PLC ± -	2 PLC ± 0.13[.005]	APPLICATION SPEC
3 PLC ± -	4 PLC ± -	ANGLES ± -	SIZE: A1
MATERIAL: 2		WEIGHT: -	CAGE CODE: 00779
SEE TABLE		RESTRICTED TO: -	DRAWING NO: 146851
CUSTOMER DRAWING		SCALE: 10:1	SHEET: 1 OF 1