



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: 0.00038[.000015] GOLD IN MATING AREA, 0.00254[.000100]-0.00508[.000200] MATTE TIN-LEAD ON SOLDER TAIL, ALL OVER 0.00127[.000050] NICKEL.
- 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 103186 AND 146256. 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: 0.00038[.000015] GOLD IN MATING AREA, 0.00254[.000100]-0.00508[.000200] MATTE TIN ON SOLDER TAIL, ALL OVER 0.00127[.000050] NICKEL.

⑩	5-146859-1	⑨
③	146859-1	⑨
PLATING	PART NUMBER	

THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN E. BRANDBERG 09-SEP-97	 Tyco Electronics Corporation Harrisburg, Pa 17105-3608
DIMENSIONS: mm [INCHES]		CHK C. SCHMID 09-SEP-97	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD C. SCHMID 09-SEP-97	NAME HEADER ASSEMBLY, DOUBLE ROW, VERTICAL, REELED, CONTINUOUS
0 PLG ± -	1 PLG ± -	2 PLG ± 0.13 [.005]	APPLICATION SPEC
3 PLG ± -	4 PLG ± -	ANGLES ± -	SIZE A1
MATERIAL ② SEE TABLE		WEIGHT	CAGE CODE 00779
		DRAWING NO 146859	
		RESTRICTED TO	
		CUSTOMER DRAWING	
		SCALE 10:1 SHEET 1 OF 1 REV A	