



RECOMENDED 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: 0.00013[.000005] 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 146089 AND 146279. 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: 0.00013[.000005] GOLD IN MATING AREA, 0.00254[.000100]-0.00508[.000200] MATTE TIN ON SOLDER TAIL, ALL OVER 0.00127[.000050] NICKEL.

10	5-146854-1	9
3	146854-1	9
PLATING	PART NUMBER	

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APPROVED: C. SCHMID	DATE: 05-SEP-97	NAME: C. SCHMID	DATE: 05-SEP-97	PRODUCT SPEC: APPLICATION SPEC					
0 PLC ± -	1 PLC ± -	2 PLC ± 0.13[.005]	3 PLC ± -	4 PLC ± -	ANGLES ± -	FINISH SEE TABLE					
MATERIAL	2	WEIGHT	-	SIZE	A1	CAGE CODE	00779	DRAWING NO	146854	RESTRICTED TO	-
CUSTOMER DRAWING			SCALE	10:1	SHEET	1 OF 1	REV	B			

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AMP 4805 REV 31MAR2000