



RECOMMENDED BOARD LAYOUT

- 1 DIMENSION APPLIES OVER 99.06[3.900].
- 2 HOUSING: BLACK THERMOPLASTIC, 94V-0 RATED, HIGH TEMPERATURE COMPATIBLE. POST: PHOSPHOR BRONZE.
- 3 POINT OF MEASUREMENT FOR PLATING THICKNESS.
- 4 THE NOTED DIMENSION APPLIES AT INTERSECTION OF POST AND HOUSING.
- 5 TRUE POSITION TOLERANCE OF THE POST TIPS APPLIES WHEN THE HEADERS ARE HELD FLAT AGAINST THE PCB.
- 6 PARTS ARE TO BE PACKAGED ON A REEL.
- 7 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 102976 AND 146277. 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).
- 8 THIS PART NUMBER SPECIFIES ONE(1) LINE (i.e. PIN).
- 9 FINISH: 0.000076[.000003] MIN GOLD OVER 0.00068[.00027] Pd/Ni IN MATING AREA, 0.00254[.000100]-0.00508[.000200] MATTE TIN ON SOLDER TAIL, ALL OVER 0.00127[.000050] NICKEL.

1977935-1	
PLATING	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN: KIRAN HOLAL 16AUG2013		TE Connectivity	
DIMENSIONS: mm [INCHES]		CHK: MIKE MILLER 16AUG2013			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APP'D: MIKE MILLER 16AUG2013		NAME	
0. PLC	± -	PRODUCT SPEC		HEADER ASSEMBLY, SINGLE ROW	
1. PLC	± -	APPLICATION SPEC		VERTICAL, REELED, CONTINUOUS, 30 Pd/Ni	
2. PLC	± 0.13 [.005]	SIZE		A1	
3. PLC	± -	CAGE CODE		DRAWING NO	
4. PLC	± -	WEIGHT		1977935	
ANGLES	± -	CUSTOMER DRAWING		SCALE 10:1 SHEET 1 OF 1 REV B	
MATERIAL		FINISH		SEE TABLE	