



- 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.

RECOMMENDED BOARD LAYOUT

1977935-1	
PLATING	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN KIRAN HOLAL 16AUG2013	STE TE Connectivity	
DIMENSIONS: mm [INCHES]		CHK MIKE MILLER 16AUG2013	NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APP'D MIKE MILLER 16AUG2013	PRODUCT SPEC	
0. PLC	± -	APPLICATION SPEC		
1. PLC	± -	SIZE		
2. PLC	± 0.13 [.005]	CAGE CODE		
3. PLC	± -	DRAWING NO		
4. PLC	± -	WEIGHT		
ANGLES	± -	A1 0077935-1 1977935		
MATERIAL	SEE TABLE	CUSTOMER DRAWING		
SCALE 10:1		SHEET 1 OF 1		REV B