



RECOMMENDED BOARD LAYOUT

- $\triangle 1$ DIMENSION APPLIES OVER 99.06mm [3.900 INCHES].
- $\triangle 2$ HOUSING: BLACK THERMOPLASTIC, 94V-0 RATED, HIGH TEMPERATURE COMPATIBLE. POST: COPPER ALLOY.
- $\triangle 3$ FINISH: 0.00254[.000100]-0.00508[.000200] MATTE TIN-LEAD ALL OVER 0.00127[.000050] NICKEL ENTIRE POST.
- $\triangle 4$ POINT OF MEASUREMENT FOR PLATING THICKNESS.
- $\triangle 5$ 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).
- $\triangle 9$ THIS PART NUMBER SPECIFIES ONE(1) LINE (i.e. PIN).
- $\triangle 10$ FINISH: 0.00254[.000100]-0.00508[.000200] BRIGHT TIN ALL OVER 0.00127[.000050] NICKEL ENTIRE POST.
- $\triangle 11$ PRELIMINARY PART - NOT RELEASED FOR PRODUCTION.
- $\triangle 12$ FINISH: 0.00254[.000100]-0.00508[.000200] MATTE TIN ALL OVER 0.00127[.000050] NICKEL ENTIRE POST.

$\triangle 12$	5-146851-1	$\triangle 9$
$\triangle 10$	146851-2	$\triangle 9$
$\triangle 3$	146851-1	$\triangle 9$
PLATING	PART NUMBER	

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DIN E. BRANDBERG 05SEP97	APVD C. SCHMID 05SEP97	NAME
ϕ	0. PLC ± -	CHK C. SCHMID 05SEP97	APVD C. SCHMID 05SEP97	PRODUCT SPEC
\pm	1. PLC ± -			APPLICATION SPEC
\pm	2. PLC ± 0.13[.005]			SIZE
\pm	3. PLC ± -			CAGE CODE
\pm	4. PLC ± -			DRAWING NO
ANGLES	± -			RESTRICTED TO
MATERIAL	FINISH	WEIGHT	SCALE	10:1
$\triangle 2$	SEE TABLE	CUSTOMER DRAWING	SHEET 1 OF 1	REV E

STE TE Connectivity

HEADER ASSEMBLY, DOUBLE ROW, VERTICAL, REELED, CONTINUOUS

SIZE A1 00779 146851

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