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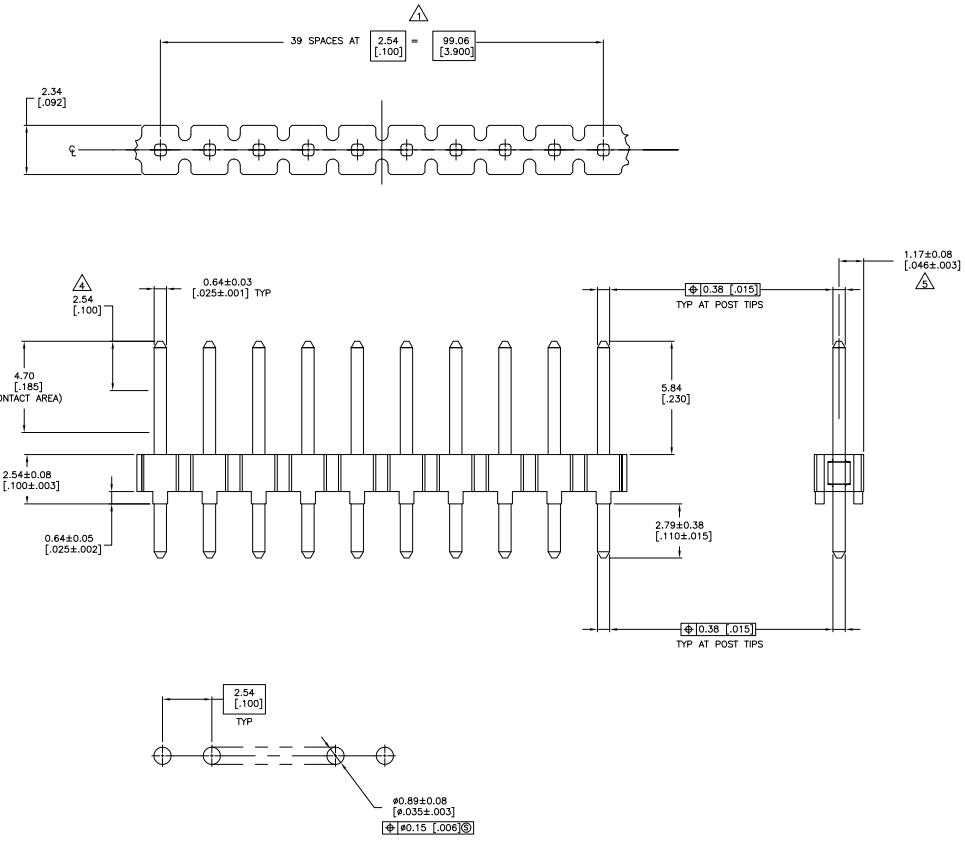
LOC	DIGIT
AD	00

REVISIONS

P	LTR	DESCRIPTION	DATE	EBR	APVD
	D	EC 0G3C 0175 05	11NOV05	BSV	JLG



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: 0.00254[.000100]-0.00508[.000200] MATTE TIN-LEAD ALL OVER 0.00127[.000050] NICKEL ENTIRE POST.
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 103327 AND 146278. 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: 0.00254[.000100]-0.00508[.000200] BRIGHT TIN ALL OVER 0.00127[.000050] NICKEL ENTIRE POST.
11. PRELIMINARY PART – NOT RELEASED FOR PRODUCTION.
12. FINISH: 0.00254[.000100]-0.00508[.000200] MATTE TIN ALL OVER 0.00127[.000050] NICKEL ENTIRE POST.

12	5-146850-1 9
10	146850-2 9
3	146850-1 9
PLATING	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]
TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
2 PLC ± 0.13[.005]
3 PLC ± –
4 PLC ± –
ANGLES ± –

MATERIAL 2
FINISH SEE TABLE

DR F. BRANDBERG 05 SEP 97
DES C. SCHMID 05 SEP 97
APVD C. SCHMID 05 SEP 97
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT —
CUSTOMER DRAWING

Tyco Electronics Corporation
Harrisburg, Pa 17105-3608

NAME HEADER ASSEMBLY, SINGLE ROW, VERTICAL, REELED, CONTINUOUS

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-146850	—

SCALE 10:1 SHEET 1 OF 1 REV D

AMP 4805 REV 31MAY2000

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