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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
G	86				
	3	REVISED PER ECO-13-018297	26NOV13	MGM	CT

Technical drawing showing a side view of a wire terminal assembly. Key dimensions include:

- Overall length: 3.82 MAX
- Wire diameter: $\phi .390 \pm .005$ FOR 3/8 STUD 2 PLC
- Terminal diameter: .871 DIA MAX (callout 3)
- Internal diameter: .56 DIA MIN
- Terminal thickness: .71 DIA MIN
- Distance from terminal to center of stamp: .44 MIN
- Stamp diameter: $.895 \pm .010$
- Distance from stamp to end of body: .445 ± .020 (callout 2)
- End diameter: $.985^{+.005}_{-.010}$

 Callouts 1, 2, 3, 4, and 5 are placed at various locations on the drawing.

1 WIRE INSULATION: .520-.633 DIA

2 THE TONGUE RADIUS FEATURE IS NOT A TOOLING CONTROLLED DIMENSION AND MAY NOT BE A TRUE RADIUS.

3 FLASH PERMITTED $\pm .020$

4 STAMP "AMP 3/0 AL 13-78"
 SIZE AND LOCATION APPROX AS SHOWN
 SEE TABLE FOR QUALIFICATION PORTION OF STAMP
 U = UNQUALIFIED
 P = PRODUCTION (IMPACT PART)

5 PRELIMINARY - NOT FOR PRODUCTION

Cross-sectional view of the wire terminal assembly. Labels include:

- FUNNEL
- INSERT
- BODY
- COLOR CODED IF REQUIRED
- INSULATION DEPTH: .69 / .63
- CONDUCTOR DEPTH: 1.48 MIN
- Dimension: $.132^{+.010}_{-.005}$

-	PRODUCTION AND QUALIFIED	P AMP	INSERT & FUNNEL: BRASS MIL-C-50 NICKEL PL QQ-N-290 .000300 AVG THK	5 696961-2
RED STRIPE	PRODUCTION AND UNQUALIFIED	P AMP U	BODY: COPPER ASTM-B187 ANNEALED TIN PL PER ASTM B-545 .000150 MIN THK	5 696961-1
COLOR CODE	QUALIFICATION DESCRIPTION 4	QUALIFICATION STAMP 4	MATERIAL & FINISH	PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	JR RUTH	09MAY06		TE Connectivity		
DIMENSIONS: INCHES		CHK	MJ SPICER	09MAY06		NAME WIRE TERMINAL, COPALUM SEALED, RING TONGUE, WIRE SIZE: 3/0 ALUMINUM	SIZE	RESTRICTED TO
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	MJ SPICER	09MAY06			APPLICATION SPEC	CAGE CODE
0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .008 4 PLC ± - ANGLES ± -		PRODUCT SPEC				WEIGHT	SCALE	SHEET
MATERIAL	SEE TABLE	FINISH	SEE TABLE		111 GRAMS	2:1	1 of 1	
		CUSTOMER DRAWING			A2 00779	C=696961	REV 3	

1471-9 (3/11)

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[>>TE Connectivity\(泰科\)](#)