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

Technical drawing showing the main assembly with dimensions and callouts:

- Overall length: 3.82 MAX
- Outer diameter: $\phi .88$ MAX
- Inner diameter: $\phi .56$ MIN
- Wire diameter: $\phi .390 \pm .005$ FOR 3/8 STUD 2 PLC
- Stamp: AMP 3/0 AL 13-78 (Callout 4)
- Dimension: $.985^{+.005}_{-.010}$ (Callout 2)
- Dimension: $.44$ MIN
- Dimension: $1.000 \pm .010$
- Dimension: $.38$ MAX
- Dimension: $\phi .70$ MIN

- 1 WIRE INSULATION: .571-.633 DIA
- 2 THE TONGUE RADIUS FEATURE IS NOT A TOOLING CONTROLLED DIMENSION AND MAY NOT BE A TRUE RADIUS.
- 3 .020 FLASH PERMITTED ON WIRE BARRELL DUE TO IMPACTING
- 4 STAMP "AMP 3/0 AL 13-78" SIZE AND LOCATION APPROX AS SHOWN
5. STUD HOLES SHALL HAVE NO DETACHABLE BURRS THAT WOULD RESULT IN EXPOSED BASE METAL

Cross-sectional view showing components and dimensions:

- Labels: FUNNEL, INSERT, BODY
- Dimension: $.132^{+.010}_{-.005}$
- INSULATION DEPTH: $.63$ MIN
- CONDUCTOR DEPTH: 1.48 MIN

BODY: COPPER ASTM-B187 ANNEALED TIN PL PER ASTM B-545 .000150 MIN THK	696825-1
INSERT & FUNNEL: BRASS PER ASTM B36 NICKEL PLATE SAE AMS QQ-N-290A, DATED JULY 2000, .000100 MIN THK	
MATERIAL & FINISH	PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	JR RUTH	30SEP05	 TE Connectivity											
DIMENSIONS: INCHES		CHK	MJ SPICER	30SEP05												
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	MJ SPICER	30SEP05												
<table border="1"> <tr><td>0 PLC</td><td>± -</td></tr> <tr><td>1 PLC</td><td>± -</td></tr> <tr><td>2 PLC</td><td>± -</td></tr> <tr><td>3 PLC</td><td>± .008</td></tr> <tr><td>4 PLC</td><td>± -</td></tr> <tr><td>ANGLES</td><td>± -</td></tr> </table>		0 PLC	± -	1 PLC		± -	2 PLC	± -	3 PLC	± .008	4 PLC	± -	ANGLES	± -	PRODUCT SPEC	NAME
0 PLC	± -															
1 PLC	± -															
2 PLC	± -															
3 PLC	± .008															
4 PLC	± -															
ANGLES	± -															
MATERIAL: SEE TABLE		FINISH	SEE TABLE		WIRE TERMINAL, COPALUM SEALED, RING TONGUE, WIRE SIZE: 3/0 ALUMINUM											
WEIGHT		111 GRAMS		SIZE	A2											
CUSTOMER DRAWING		SCALE		2:1	SHEET											
				1	of 1											
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