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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
E		REVISED PER ECO-16-009651	29JUL2016	RS	CT

Technical drawing showing the main assembly with dimensions and callouts:

- Overall length: 3.21 MAX
- Outer diameter: $\phi .390 \pm .005$ FOR 3/8 STUD
- Inner diameter: .871 DIA MAX
- Inner diameter: .56 DIA MIN
- Inner diameter: .70 DIA MIN
- Callout 1: AMP 3/0 AL N
- Callout 2: Tongue radius feature
- Callout 3: Stamp "AMP 3/0 AL N"
- Dimension: .990 MAX
- Dimension: .73 MIN
- Dimension: .450 MAX

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 STAMP "AMP 3/0 AL N" SIZE AND LOCATION APPROX AS SHOWN

Cross-sectional view of the assembly with labels and dimensions:

- Labels: FUNNEL, INSERT, BODY
- INSULATION DEPTH: .63 MIN
- CONDUCTOR DEPTH: 1.40 MIN
- Dimension: .132 \pm .010 / .005
- Dimension: .100 NICKEL PLATING POINT OF MEASUREMENT

INSERT & FUNNEL: BRASS MIL-C-50
 NICKEL PL .000100 MIN THK PER QQ-N-290

BODY: COPPER ASTM-B187 ANNEALED
 NICKEL PL .000300 MIN THK PER QQ-N-290

1958091-1

MATERIAL & FINISH

PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	JR RUTH	23FEB07	 TE Connectivity																	
DIMENSIONS: INCHES		CHK	J KNOLL	23FEB07																		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	J KNOLL	23FEB07																		
<table border="1"> <tr><td>0 PLC</td><td>±</td><td>-</td></tr> <tr><td>1 PLC</td><td>±</td><td>-</td></tr> <tr><td>2 PLC</td><td>±</td><td>-</td></tr> <tr><td>3 PLC</td><td>±</td><td>.008</td></tr> <tr><td>4 PLC</td><td>±</td><td>-</td></tr> <tr><td>ANGLES</td><td>±</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, RING TONGUE, SEALED COPALUM, HIGH TEMP, WIRE SIZE: 3/0 ALUMINUM																	
WEIGHT		103 ± 5 g	SIZE	A2	RESTRICTED TO																	
CUSTOMER DRAWING		SCALE	2:1	SHEET	1 of 1																	
		REV	E																			

1471-9 (3/11)

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[>>TE Connectivity\(泰科\)](#)