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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
F		REV PER ECO-12-008336	20JUN12	PY	BW

Technical drawing of a wire terminal assembly. Dimensions include: 1.90 MAX (total length), .310 MIN DIA (wire diameter), .40 MAX DIA (insulation diameter), .23 MIN DIA (conductor diameter), .627 MAX (height), .47 MIN (width), .310 MAX (width), and  $\phi.390 \pm .005$  FOR 3/8 STUD (stud diameter). Callouts include: 1 (wire insulation), 2 (tongue radius), 3 (AMP 6 AL 13-78 stamp), and 4 (stamp location).

1 WIRE INSULATION: .260-291 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 6 AL 13-78" SIZE AND LOCATION APPROX AS SHOWN

Technical drawing of the assembly components: FUNNEL, INSERT, and BODY. Dimensions include: 2.41/2.11 [.095/.083] (height), .32 MIN (INSULATION DEPTH), and .79 MIN (CONDUCTOR DEPTH).

BODY: COPPER ASTM-B187 ANNEALED TIN PL PER ASTM B-545 .000150 MIN THK	696869-1
INSERT & FUNNEL: BRASS ASTM B36 NICKEL PL SAE AMS QQ-N-290A, DATED JULY 2000, .000100 MIN THK	
MATERIAL & FINISH	PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	JR RUTH	12DEC05		TE Connectivity		
DIMENSIONS: INCHES		CHK	MJ SPICER	13DEC05		NAME		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	MJ SPICER	13DEC05		PRODUCT SPEC		
0 PLC ± - 1 PLC ± - 2 PLC ± .01 3 PLC ± .008 4 PLC ± - ANGLES ± - FINISH SEE TABLE		APPLICATION SPEC		WIRE TERMINAL, RING TONGUE, SEALED COPALUM, WIRE SIZE: 6 ALUMINUM				
MATERIAL	SEE TABLE	WEIGHT	15.2 GRAMS	SCALE	A2	CAGE CODE	00779	
		CUSTOMER DRAWING		SCALE	2:1	SHEET	1 of 1	
				REV	F			

1471-9 (3/11)

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