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LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
G	86						
		P		REV PER 0G3A-0499-04	24JUN04	JR	MS

Diagram showing a cross-section of a wire splice. Dimensions include: INSULATION DEPTH 10.41 [.41] MIN; CONDUCTOR DEPTH 30.22 [1.19] MIN TYP; END 'A' 13.21 [.52] MIN DIA; END 'B' 8.64 [.34] MIN DIA; overall length 69.85 [2.75] MAX. Material callout: 1/0AL-4CU with a triangle symbol 2.

1 WIRE INSULATION:
 END 'A' 10.80[.425] - 11.94[.470] DIA FOR 1/0 AL
 END 'B' 7.01[.276] - 7.75[.305] DIA FOR 4 CU

△ 2 STAMP 277163-1 AMP 1/0AL-4CU
 APPROX AS SHOWN

Diagram showing a side view of the wire splice assembly. Labels include: FUNNEL, INSERT, ASTERISK REF, END 'A' ALUMINUM, NOTCH ORIENTED OPPOSITE STRIPE, END 'B' COPPER, COLOR CODE: BLUE. Dimensions include: 17.78 [.70] MAX DIA; .364 REF; .062 REF.

INSERT & FUNNEL: BRASS MIL-C-50	277163-1
NICKEL PL QQ-N-290 0.00762[.000300] AVG THK	
SPLICE: COPPER ASTM B-187	
TIN PL ASTM B545 0.00381[.000150] MIN THK	
MATERIAL & FINISH	

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	DK SCHRUM	7/6/89	 Tyco Electronics Corporation Harrisburg, Pa 17105-3608		
DIMENSIONS: mm [INCHES]		CHK	MS FEHER	5/1/91			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	MJ SPICER	5/1/91			
0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± - FINISH SEE TABLE		PRODUCT SPEC	108-11011	NAME		WIRE SPLICE, TRANSITIONAL, COPALUM, SEALED, WIRE SIZE: 22.0mm [4] COPPER 55.5mm ² [1/0] ALUMINUM	
MATERIAL SEE TABLE		APPLICATION SPEC	114-2134	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
		WEIGHT	92.5 GRAMS	A2	00779	C=277163	-
		CUSTOMER DRAWING		SCALE	2:1	SHEET	1 OF 1
				REV	P		

AMP 1471-9 REV 31MAR2000

277163

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