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LOC	DIST	REVISIONS					
DF	S0	P	LTR	DESCRIPTION	DATE	DWN	APVD
		P		REV PER ECO-05-002582	06-05	AA	DE

PART NO.	'A'	REMARKS
862549-1	6.00 [152.4]	△3
862549-2	8.00 [203.2]	△3
862549-3	10.00 [254.0]	△3
862549-4	12.00 [304.8]	△3
862549-5	15.00 [381.0]	△3
862549-6	18.00 [457.2]	△3
862549-7	21.00 [533.4]	△3
862549-8	24.00 [609.6]	△3
862549-9	36.00 [914.4]	△3
1-862549-0	40.00 [1016.0]	OBSOLETE
1-862549-1	60.00 [1524.0]	OBSOLETE
1-862549-2	9.50 [241.3]	OBSOLETE
1-862549-3	7.00 [177.8]	OBSOLETE
1-862549-4	30.00 [762.0]	△3
1-862549-5	72.00 [1828.8]	OBSOLETE
1-862549-6	50.00 [1270.0]	△3
1-862549-7	13.00 [330.2]	OBSOLETE
1-862549-8	14.00 [355.6]	△3
1-862549-9	19.00 [482.6]	△3
2-862549-0	96.00 [2438.4]	OBSOLETE
2-862549-1	11.00 [279.4]	OBSOLETE
2-862549-2	4.00 [101.6]	△3
2-862549-3	22.00 [558.8]	△3
5-862549-4	12.00 [304.8]	△6
5-862549-9	36.00 [914.4]	△6

- △1 TOLERANCE OF LEAD LENGTH:
UP TO 24 INCHES [609.6] = ±.12 [±3.0]
24 INCHES [609.6] & UP = ±1%
2. MARKED PER MIL-STD-130.
- △3 PIGTAIL IS SOLDER DIPPED.
4. TO MATE WITH AMP LGH-1 RECEPTACLE WITH .88 [22.4] BARREL DEPTH.
5. OPERATING VOLTAGE: 20 KVDC AT 0 TO 70,000 FEET; -55°C TO 125°C.
- △6 INSULATION CUT TO LENGTH, BUT NOT REMOVED.

Technical drawing of a lead assembly. Dimensions include: .88 [22.4] (barrel depth), .50 [12.7] (cap length), .081 [20.6] (wire diameter), .280 [7.11] (wire diameter), .265 [6.73] (wire diameter), .38 ±.12 [9.6 ±3.0] (lead length), and .276 MIN [7.01] (socket diameter). Callouts identify components: MOLDED END SILICONE RUBBER, SOCKET; SIZE #16 MAT'L: LEADED COPPER PER ASTM-B-301 FINISH: GOLD PER ASTM-B-488 OVER NICKEL PER QQ-N-290, CAP MAT'L: POLYCARBONATE MLDG CMPD COLOR: RED, FERRULE MAT'L: POLYESTER MLDG CMPD COLOR: BLACK, and #16 AWG SILICONE INSULATED LEAD WIRE COLOR: WHITE. A dimension 'A' with a triangle symbol 1 is shown above the assembly.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	C.C.THOMAS	21-APR-94	 Tyco Electronics Corporation Harrisburg, Pa 17105-3608																		
DIMENSIONS: INCHES		CHK	D. EABY	21-APR-94																			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	D. EABY	21-APR-94																			
<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>.02 [0.5]</td></tr> <tr><td>3 PLC</td><td>±</td><td>-</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	±	.02 [0.5]	3 PLC	±	-	4 PLC	±	-	ANGLES	±	-	PRODUCT SPEC	NAME	
0 PLC	±	-																					
1 PLC	±	-																					
2 PLC	±	.02 [0.5]																					
3 PLC	±	-																					
4 PLC	±	-																					
ANGLES	±	-																					
MATERIAL	SEE CALLOUTS	FINISH	SEE CALLOUTS	WEIGHT	-	SIZE	A2	CAGE CODE	00779	DRAWING NO	C=862549	RESTRICTED TO	-										
CUSTOMER DRAWING		SCALE		2:1	SHEET	1	OF	1	REV	P													

AMP 1471-9 REV 31MAR2000

Mouser Electronics

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[2-862549-2](#)