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PART NO.	A	△1	B	REMARKS	
839564-1	12.00	[304.8]	.38 [9.7]	△5	
839564-2	24.00	[609.6]	.38 [9.7]	△5	
839564-3	4.50	[114.3]	.38 [9.7]	△5	
839564-4	6.50	[165.1]	.38 [9.7]	△5	
839564-5	18.00	[457.2]	—		OBSOLETE
839564-6	17.00	[431.8]	—		OBSOLETE
839564-7	15.00	[381.0]	.38 [9.7]	△5	
839564-8	60.00	[1524.0]	—		
839564-9	120.00	[3048.0]	.38 [9.7]	△5	OBSOLETE
1-839564-0	96.00	[2438.4]	.38 [9.7]	△5	OBSOLETE
1-839564-1	144.00	[3657.6]	.38 [9.7]	△5	
1-839564-2	300.00	[7620.0]	.38 [9.7]	△5	OBSOLETE
1-839564-3	48.00	[1219.2]	.38 [9.7]	△5	
1-839564-4	72.00	[1828.8]	.38 [9.7]	△5	
1-839564-5	1575.00	[40005.0]	.38 [9.7]	△5	OBSOLETE
1-839564-6	420.00	[10668.0]	.38 [9.7]	△5	OBSOLETE
1-839564-7	118.00	[2997.2]	.38 [9.7]	△5	
1-839564-8	6.00	[152.4]	.38 [9.7]	△5	
1-839564-9	36.00	[914.4]	.38 [9.7]	△5	
2-839564-0	240.00	[6096.0]	.38 [9.7]	△5	
2-839564-1	394.00	[10007.6]	.38 [9.7]	△5	
2-839564-2	984.00	[24993.6]	.38 [9.7]	△5	OBSOLETE
2-839564-3	19.00	[482.6]	.38 [9.7]	△5	OBSOLETE
2-839564-4	10.00	[254.0]	.38 [9.7]	△5	OBSOLETE
2-839564-5	108.00	[2743.2]	.38 [9.7]	△5	OBSOLETE
2-839564-6	78.75	[2000.2]	.38 [9.7]	△5	
2-839564-7	35.00	[889.0]	.38 [9.7]	△5	OBSOLETE
2-839564-8	30.00	[762.0]	.38 [9.7]	△5	OBSOLETE
2-839564-9	18.00	[457.2]	.38 [9.7]	△5	
3-839564-0	88.12	[2238.2]	.38 [9.7]	△5	
3-839564-1	40.00	[1016.0]	.38 [9.7]	△5	
3-839564-2	600.00	[15240.0]	.38 [9.7]	△5	OBSOLETE
3-839564-3	157.50	[4000.5]	.38 [9.7]	△5	
3-839564-4	196.88	[5000.8]	.38 [9.7]	△5	
3-839564-5	37.40	[950.0]	.38 [9.7]	△5	OBSOLETE
3-839564-6	16.00	[406.4]	.38 [9.7]	△5	
3-839564-7	20.00	[508.0]	.38 [9.7]	△5	
5-839564-1	12.00	[304.8]	.38 [9.7]	△6	
5-839564-2	24.00	[609.6]	.38 [9.7]	△6	
5-839564-7	15.00	[381.0]	.38 [9.7]	△6	
6-839564-3	48.00	[1219.2]	.38 [9.7]	△6	
6-839564-7	118.00	[2997.2]	.38 [9.7]	△6	
6-839564-9	36.00	[914.4]	.38 [9.7]	△6	
7-839564-0	240.00	[6096.0]	.38 [9.7]	△6	
7-839564-1	394.00	[10007.6]	.38 [9.7]	△6	
7-839564-6	78.75	[2000.2]	.38 [9.7]	△6	
8-839564-0	88.12	[2238.2]	.38 [9.7]	△6	
8-839564-1	40.00	[1016.0]	.38 [9.7]	△6	
8-839564-3	157.50	[4000.5]	.38 [9.7]	△6	
8-839564-4	196.88	[5000.8]	.38 [9.7]	△6	

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
INCHES [mm]

MATERIAL
SEE CALLOUTS

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -
1 PLC ± -
2 PLC ± .02 [0.5]
3 PLC ± .005 [0.13]
4 PLC ± -
ANGLES ± -
FINISH
SEE CALLOUTS

DWN
C.C.THOMAS
15-FEB-93

CHK
S.GLATFELTER
16-FEB-93

APVD
S.GLATFELTER
16-FEB-93

PRODUCT SPEC
—

APPLICATION SPEC
—

WEIGHT
—

CUSTOMER DRAWING

Tyco
Electronics

Tyco Electronics Corporation
Harrisburg, PA 17105-3608

NAME
LEAD ASSY
SINGLE END
LGH-2

SIZE
A2

CAGE CODE
00779

DRAWING NO
C=839564

RESTRICTED TO
—

SCALE
1:1

SHEET
1 of 1

REV
AC

SOCKET; SIZE #16
MAT'L: LEADED COPPER PER ASTM-B-301
FINISH: GOLD PER ASTM-B-488
OVER NICKEL PER AMS-QQ-N-290

1.43 [36.3]

.56 [14.2]

1.12 [28.4]

A △1

B ± .12 [3.0] △5

Ø.385 MAX [9.78]

MOLDED END
MAT'L: SILICONE RUBBER

WASHER, TEFLON
2 PLC

CAP
MATERIAL: EPIALL
COLOR: GREEN

#16 AWG SILICONE
INSULATED LEAD WIRE

△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

TO MATE WITH AMP LGH-2
RECEPTACLE WITH 1.43 [36.3] BARREL DEPTH.

4

OPERATING VOLTAGE: 30 KVDC AT 0 TO 70,000 FEET,
-55°C TO +125°C.

△5

PIGTAIL IS SOLDER DIPPED.

△6

INSULATION CUT, BUT NOT REMOVED.

AMP 1471-9 REV 31MAR2000