

8

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PART NO.	A	B	C	D	REMARKS
846950-1	1200.00	12.00	12.00	4.00	OBSOLETE
846950-2	480.00	12.00	12.00	4.00	OBSOLETE
846950-3	180.00	12.00	12.00	4.00	OBSOLETE
846950-4	60.00	12.00	12.00	4.00	
846950-5	192.00	12.00	12.00	4.00	OBSOLETE
846950-6	12.00	12.00	12.00	2.62	
846950-7	12.00	24.00	24.00	2.75	
846950-8	108.00	12.00	12.00	4.00	
846950-9	108.00	12.00	--	4.00	OBSOLETE
1-846950-0	48.00	12.00	12.00	4.00	
1-846950-1	10.00	12.00	--	3.00	OBSOLETE
1-846950-2	15.00	12.00	--	3.00	OBSOLETE
1-846950-3	24.00	12.00	--	3.00	OBSOLETE
1-846950-4	96.00	12.00	12.00	3.00	
1-846950-5	70.00	12.00	12.00	4.00	
1-846950-6	32.50	6.00	6.00	4.00	OBSOLETE
1-846950-7	50.00	12.00	12.00	4.00	
1-846950-8	20.00	12.00	12.00	4.00	
1-846950-9	30.00	12.00	--	4.00	
2-846950-0	79.00	12.00	12.00	6.00	
2-846950-1	300.00	12.00	12.00	4.00	OBSOLETE
2-846950-2	348.00	12.00	12.00	4.00	
2-846950-3	17.00	12.00	12.00	4.00	
2-846950-4	26.00	12.00	12.00	4.00	OBSOLETE
2-846950-5	14.00	12.00	12.00	3.00	
2-846950-6	216.50	12.00	12.00	4.00	
5-846950-8	108.00	12.00	12.00	4.00	
6-846950-0	48.00	12.00	12.00	4.00	
6-846950-8	20.00	12.00	12.00	4.00	
7-846950-0	79.00	12.00	12.00	6.00	

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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-4
RECEPTACLE WITH 2.00 [50.8] BARREL DEPTH.

4.

OPERATING VOLTAGE: 50 KVDC AT 0 TO 70,000 FEET,
-55°C TO 125°C.

5

WHERE APPLICABLE PIGTAIL IS SOLDER DIPPED.

6

FOR LEAD ASSY'S THAT REQUIRE MORE THAN ONE PIECE OF
SILICONE TUBING A 2.00" MAX OVERLAP IS PERMISSABLE.

7

INSULATION CUT, BUT NOT REMOVED.

GROUND WIRE; REF

#6 STUD SIZE RING
TONGUE TERMINAL
QTY = 2

846950-6 ONLY
SCALE 2:1

SOCKET; SIZE #16 (2)
MAT'L: LEADED COPPER PER ASTM-B-301
FINISH: GOLD PER ASTM-B-488
OVER NICKEL PER AMS-QQ-N-290

D±.12 TYP
[±3.0]

2.00
[50.80]
REF TYP

Ø.425 MIN TYP
[10.79]

MOLDED END; TYP
SILICONE RUBBER

WASHER, TEFLON
QTY = 2; TYP

CAP (2)
MAT'L: EPOXY
MLDG. CMPD
COLOR: GREEN

FERRULE; TYP

2.00 REF
[50.8]

SHRINK TUBING
COLOR: BLACK

#22 GA. TEFLON
COVERED GROUND WIRE
COLOR: BLACK
2 PLC IF APPLICABLE

.25 [6.3]

.58 MAX TYP
[14.7]

Ø1.42 MAX TYP
[36.1]

Ø.485 MAX
[12.31]

1.00 TYP
[25.4]

.25 [6.3]

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THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
INCHES [mm]

0 PLC

1 PLC

2 PLC

3 PLC

4 PLC

ANGLES

± -

± -

± .02 [0.5]

± -

± -

± -

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

SEE CALLOUTS

MATERIAL
SECC ALLOUTS

SEE CALLOUTS

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN
C.C.THOMAS
28-MAR-90

CHK
D.OPLINGER
09-APR-90

APVD
D.OPLINGER
09-APR-90

NAME
LEAD ASSY, DOUBLE MOLDED ENDS
SHIELDED AND SILICONE COVERED
LGH-4

SIZE
A1

CAGE CODE
00779

DRAWING NO
846950

CUSTOMER DRAWING

SCALE
1:1

SHEET
1

OF
1

REV
AB

TE Connectivity

RESTRICTED TO

4805 (3/11)

10:37am