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PART NO.	A	B	C	D	REMARKS
846950-1	1200.00 [30480.0]	12.00 [304.8]	12.00 [304.8]	4.00	⚠ OBSOLETE
846950-2	480.00 [12192.0]	12.00 [304.8]	12.00 [304.8]	4.00	⚠ OBSOLETE
846950-3	180.00 [4572.0]	12.00 [304.8]	12.00 [304.8]	4.00	⚠ OBSOLETE
846950-4	60.00 [1524.0]	12.00 [304.8]	12.00 [304.8]	4.00	⚠
846950-5	192.00 [4876.8]	12.00 [304.8]	12.00 [304.8]	4.00	⚠ OBSOLETE
846950-6	12.00 [304.8]	12.00 [304.8]	12.00 [304.8]	2.62	⚠
846950-7	12.00 [304.8]	24.00 [609.6]	24.00 [609.6]	2.75	⚠
846950-8	108.00 [2743.2]	12.00 [304.8]	12.00 [304.8]	4.00	⚠
846950-9	108.00 [2743.2]	12.00 [304.8]	-	4.00	⚠ OBSOLETE
1-846950-0	48.00 [1219.2]	12.00 [304.8]	12.00 [304.8]	4.00	⚠
1-846950-1	10.00 [254.0]	12.00 [304.8]	-	3.00	⚠ OBSOLETE
1-846950-2	15.00 [381.0]	12.00 [304.8]	-	3.00	⚠ OBSOLETE
1-846950-3	24.00 [609.6]	12.00 [304.8]	-	3.00	⚠ OBSOLETE
1-846950-4	96.00 [2438.4]	12.00 [304.8]	12.00 [304.8]	3.00	⚠
1-846950-5	70.00 [1778.0]	12.00 [304.8]	12.00 [304.8]	4.00	⚠
1-846950-6	32.50 [825.5]	6.00 [152.4]	6.00 [152.4]	4.00	⚠ OBSOLETE
1-846950-7	50.00 [1270.0]	12.00 [304.8]	12.00 [304.8]	4.00	⚠
1-846950-8	20.00 [508.0]	12.00 [304.8]	12.00 [304.8]	4.00	⚠
1-846950-9	30.00 [762.0]	12.00 [304.8]	-	4.00	⚠
2-846950-0	79.00 [2006.6]	12.00 [304.8]	12.00 [304.8]	6.00	⚠
2-846950-1	300.00 [7620.0]	12.00 [304.8]	12.00 [304.8]	4.00	⚠ OBSOLETE
2-846950-2	348.00 [8839.2]	12.00 [304.8]	12.00 [304.8]	4.00	⚠
2-846950-3	17.00 [431.8]	12.00 [304.8]	12.00 [304.8]	4.00	⚠
2-846950-4	26.00 [660.4]	12.00 [304.8]	12.00 [304.8]	4.00	⚠ OBSOLETE
2-846950-5	14.00 [355.6]	12.00 [304.8]	12.00 [304.8]	3.00	⚠
2-846950-6	216.50 [5500.1]	12.00 [304.8]	12.00 [304.8]	4.00	⚠
5-846950-8	108.00 [2743.2]	12.00 [304.8]	12.00 [304.8]	4.00	⚠
6-846950-0	48.00 [1219.2]	12.00 [304.8]	12.00 [304.8]	4.00	⚠
6-846950-8	20.00 [508.0]	12.00 [304.8]	12.00 [304.8]	4.00	⚠
7-846950-0	79.00 [2006.6]	12.00 [304.8]	12.00 [304.8]	6.00	⚠

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]

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
INCHES [mm]

MATERIAL
SECC ALLOUTS

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC ± -
1 PLC ± -
2 PLC ± .02 [0.5]
3 PLC ± -
4 PLC ± -
ANGLES ± -

FINISH
SEE CALLOUTS

DWN
C.C.THOMAS
CHK
D.OPLINGER
APVD
D.OPLINGER

28-MAR-90
09-APR-90
09-APR-90

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

SIZE
A1

CAGE CODE
00779

DRAWING NO
846950

RESTRICTED TO
-

CUSTOMER DRAWING

SCALE
1:1

SHEET
1

OF
1

REV
AB

LOC
-

DIST
-

REV
AB

PER
ECO

13-015549

DATE
10-2-13

DWN
CT

APVD
DE

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-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.

4805 (3/11)

10:37am