

8

7

6

5

4

3

2

1

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LOC

DIST

REV

DATE

DWN

APVD

AC

REVISED PER ECO—15—016251

13NOV15

KG

CD

1. THIS PLUG WILL MATE WITH ANY 11C1, SIZE 2 RECEPTACLE IN AMPLIMITE SERIES.

2. MAXIMUM WIRE INSULATION TO BE USED WITH THIS PLUG IS $\varnothing.068$.

3. THIS CONNECTOR ACCEPTS (1) POWER 8, OR COAX PIN CONTACT IN POSITIONS A1, PURCHASED SEPARATELY.

4. THIS CONNECTOR ACCEPTS SIZE 20 PIN CONTACTS IN POSITIONS 1 THRU 32. PURCHASED SEPARATELY.

5

STEEL PER ASTM—A—109.

6

BRASS PER MIL—C—50 AND ASTM—B—36 UNS NO. C26000.

7

CADMIUM PLATED PER QQ—P—416.

8

GOLD PLATED PER MIL—G—45204 TYPE II, GRADE C, CLASS 1 OVER COPPER PER MIL—C—14550, CLASS IV.

9

FINISH: TIN PER ASTM—B—545 .000400 MIN THK OVER COPPER PER AMS2418 .000050 MIN THK.

10

FRONT SHELL HAS GROUNDING INDENTS FOR 211111—4, 211111—6, & 5—211111—4 ONLY.

11

FINISH: ZINC PLATE PER ASTM—B—633 .000200—.000400 THK WITH SUPPLEMENTARY CHROMATE (Cr3+).

RAISED CAVITY IDENTIFICATION NUMBERS

.994

R.104±.002 TYP

10° TYP

MATING FACE

1.312

1.541±.015

.329

1

2

3

A1

4

5

6

7

8

9

10

ØA

2 PLC

FRONT SHELL

MAT'L:

56

FINISH:

78911

.155 MIN FULL Ø PIN EXT

.220 MAX

.050±.020 TYP

.235±.006

.375 MAX

1.083±.010

REAR SHELL

MAT'L:

56

FINISH:

78911

CUSTOMER P/N (IF APPLICABLE) MARKED ON FAR SIDE. MANUFACTURER'S NAME, BRAND OR LOGO AND MANUFACTURER'S PART NO AND DATE CODE MARKED ON NEAR SIDE

INSERT ASSEMBLY

MAT'L: MATERIAL PER MIL—DTL—24308

.494±.015

.422±.010

.422±.010

11

5109

.120

—

5—211111—4

511

.120

—

5—211111—1

59

.120

—

211111—7

5109

.120

—

211111—6

68

.120

B010942—0037

211111—5

5910

.120

—

211111—4

68

.154

311P405—9P—B—15

211111—3

68

.120

311P405—9P—B—12

211111—2

57

.120

—

211111—1

REMARKS

ØA

CUSTOMER PART NO.

MFG'S PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN 27-May-15

MANJUNATH G M

CHK 27-May-15

CHARLES THOMAS

APVD 27-May-15

CHARLES THOMAS

NAME

PLUG ASSEMBLY

AMPLIMITE 11C1

SIZE 2, SERIES 109, COAX MIX

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± —

1 PLC ± —

2 PLC ± —

3 PLC ± .005[0.13]

4 PLC ± —

ANGLES ± 0°30'

FINISH

MATERIAL —

—

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

WEIGHT —

A100779

211111

—

CUSTOMER DRAWING

SCALE 4:1

SHEET 1 OF 1

REV AC

4805 (3/11)