

8

7

6

5

4

3

2

1

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LOC

DIST

REVISIONS

DF

D0

REV

DATE

DWN

APVD

Z

15-04-09

CT

RL

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 .000200 MIN THK OVER COPPER PER AMS2418 .000100-.000200 THK.

10

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

11

FINISH: BRIGHT TIN PER ASTM-B-545 .000400-.000550 THK OVER COPPER PER AMS2418 .000050 MIN THK.

12

FINISH: TIN PER ASTM-B-545 .000200 MIN THK OVER COPPER PER AMS2418 .000100-.000200 THK.

13

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

RAISED CAVITY IDENTIFICATION NUMBERS

.994

R.104±.002 TYP

1

2

3

A1

4

5

6

7

8

9

10

.329

10° TYP

MATING FACE

1.312

1.541±.015

ØA

2 PLC

FRONT SHELL

MAT'L: 5 6

FINISH: 7 8 9 11 12 13

.155 MIN FULL Ø PIN EXT

.220 MAX

.050±.020 TYP

1.083±.010

REAR SHELL

MAT'L: 5 6

FINISH: 7 8 9 11 12 13

INSERT ASSEMBLY

MAT'L: POLYESTER PER MIL-M-24519

TYPE GPT-30F

COLOR: BLUE

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

.235±.006

.375 MAX

.030±.010

.494±.015

.422±.010

.422±.010

11

5 10 12	.120	-	5-211111-4
5 13	.120	-	5-211111-1
5 11	.120	-	211111-7
5 10 11	.120	-	211111-6
6 8	.120	B010942-0037	211111-5
5 9 10	.120	-	211111-4
6 8	.154	311P405-9P-B-15	211111-3
6 8	.120	311P405-9P-B-12	211111-2
5 7	.120	-	211111-1
REMARKS	ØA	CUSTOMER PART NO.	MFG'S PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN T. SHUEY 09-JAN-88

CHK A. EMADI 21-JAN-88

APVD A. EMADI 21-JAN-88

NAME

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

WEIGHT

CUSTOMER DRAWING

SCALE 4:1

SHEET 1 OF 1

REV Z

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± -

2 PLC ± -

3 PLC ± .005[0.13]

4 PLC ± -

ANGLES ± 0°30'

FINISH

Tyco Electronics

Tyco Electronics Corporation

Harriaburg, PA 17105-3608

PLUG ASSEMBLY

AMPLIMITE 11C1

SIZE 2, SERIES 109, COAX MIX

00779

211111

4805 (1/08)