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1

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

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LOC

DIST

REV

LTR

DESCRIPTION

DATE

DWN

APVD

1

THIS PLUG IS DESIGNED TO CONFORM TO THE LATEST ISSUE OF MIL-C-24308.

2

MAX WIRE INSULATION TO BE USED WITH THIS PLUG IS .072 DIA.

3

METAL RETENTION CLIPS ARE INCLUDED IN INSERTS.

4

THIS PLUG WILL ACCEPT SIZE 20 CRIMP TYPE PIN CONTACT M 39029/64-369 (TE CONNECTIVITY P/N 205089-1) FOR ALTERNATE CONTACT OPTIONS CONSULT TE CONNECTIVITY CATALOG.

5

PART NO. 205162-4, 205162-5 & 5-205162-4 HAS GROUNDING INDENTS ON FRONT SHELL. (NOT SHOWN)

6

FINISH: CADMIUM PER QQ-P-416, TYPE II, CLASS 2 OVER COPPER PER AMS2418, CLASS 4.

8

THIS NOTE APPLIES TO 205162-1 ONLY. M24308/4-1F MARKED ON FAR SIDE. 205556-2 MARKED ON NEAR SIDE. MFG'S PART NO. & MILITARY PART NO. MARKED ON CONNECTOR REPRESENTS KIT NUMBER WITH CONTACTS PACKAGE STAMPED M 24308/4-259F

9

CONTACTS ARE NOT INCLUDED IN THIS ASSEMBLY. MUST BE ORDERED SEPARATELY.

10

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

RAISED CAVITY IDENTIFICATION NUMBERS

.666

R.104±.002 TYP

Ø.120 2 PLC

.329

MATING FACE

10° TYP

.984

1.213±.015

MANUFACTURER'S NAME, BRAND OR LOGO & DATE CODE MARKED ON NEAR SIDE

SHELL, FRONT MAT'L: SEE TABLE FINISH: SEE TABLE

.164 MIN FULL PIN DIA. EXTENSION

.220 MAX

.238 .229

.030±.010

.375 MAX

.050±.020 TYP

SHELL, REAR MAT'L: SEE TABLE FINISH: SEE TABLE

.759±.010

INSERT ASSY MAT'L: SEE TABLE

8

MFG'S PART NO MARKED ON NEAR SIDE

R.065 .040

.494±.015

.422±.010

.422±.010

5 11	10	STEEL PER ASTM-A-109 OR EQUIVALENT	POLYESTER PER MIL-M-24519, TYPE GET-30F	5-205162-4
9	10	STEEL PER ASTM-A-109 OR EQUIVALENT	POLYESTER PER MIL-M-24519, TYPE GET-30F	205162-6
5 9	10	STEEL PER ASTM-A-109 OR EQUIVALENT	POLYESTER PER MIL-M-24519, TYPE GET-30F	205162-5
5 9	10	STEEL PER ASTM-A-109 OR EQUIVALENT	POLYESTER PER MIL-M-24519, TYPE GET-30F	205162-4
SUPSD BY 206288-1 9	6	STEEL PER ASTM-A-109 OR EQUIVALENT	POLYESTER PER MIL-M-24519, TYPE GET-30F	205162-3
SUPSD BY 207252-2	6	STEEL PER ASTM-A-109 OR EQUIVALENT	POLYESTER PER MIL-M-24519, TYPE GET-30F	205162-2
1 8 9	6	STEEL PER ASTM-A-109 OR EQUIVALENT	POLYESTER PER MIL-M-24519, TYPE GET-30F	205162-1
REMARKS	SHELL FINISH	SHELL MATERIAL	INSERT MAT'L	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN C.C.THOMAS 2-9-05

CHK D.MILLER 2-9-05

APVD D.MILLER 2-9-05

NAME

PLUG ASSY,AMPLITE,9 POSN SIZE 1,SERIES 109

PRODUCT SPEC MIL-C-24308

APPLICATION SPEC I.S. 7516 & 7505

SIZE A1

CAGE CODE 00779

DRAWING NO 205162

RESTRICTED TO

MATERIAL SEE CALLOUTS

FINISH SEE CALLOUTS

WEIGHT

CUSTOMER DRAWING

SCALE 4:1

SHEET 1 OF 1

REV V

4805 (3/11)