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THIS DRAWING IS UNPUBLISHED.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)