

8

7

6

5

4

3

2

1

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

ALL RIGHTS RESERVED.

LOC

DIST

REV

PER

ECN

26-362146

DATE

05JAN2026

DWN

JAB

APVD

RL

17

33

50

1

18

34

RAISED CAVITY IDENTIFICATION NUMBERS  
.030" HIGH

R .100±.003  
TYP.

DIA. A  
2 HOLES

10" TYP.

MATING FACE

2.406

2.635±.015

SHELL, FRONT

MAT'L: BRASS PER ASTM B 36, CARTRIDGE  
FINISH: PLATED .000050 GOLD PER MIL-DTL-45204  
OVER COPPER .00100 PER AMS 2418

2.064

.039±.010

.243

.375 MAX.

2.178±.010

SHELL, REAR

MAT'L: BRASS PER ASTM B 36, CARTRIDGE  
FINISH: PLATED .000050 GOLD PER MIL-DTL-45204  
OVER COPPER .00100 PER AMS 2418

INSERT ASSEMBLY  
MAT'L: POLYESTER

.050±.020  
TYP.

MANUFACTURER'S NAME, BRAND OR LOGO,  
PART NUMBER AND DATE CODE MARKED FAR SIDE.  
CUSTOMER PART NUMBER MARKED NEAR SIDE.

REVISIONS

1. THIS RECEPTACLE WILL MATE WITH ANY PLUG CONNECTOR WITH THE SAME INSERT ARRANGEMENT AS DEFINED BY MS18277-1.

2. MAXIMUM WIRE INSULATION USED WITH THIS RCPT. IS .072 DIA. MAX.

3. Be-Cu RETENTION CLIPS ARE INCLUDED IN INSERTS.

4. FAR SIDE REFERS TO WIDE SIDE OF KEYSTONE.

5. UL/CSA DESIGNATION STAMPED IN THIS AREA,OPTIONAL

6. THIS CONNECTOR IS QUALIFIED TO GODDARD SPACE FLIGHT CENTER S-311-P-4.

7. RESTRICTRD TO CAE ELECTRONICS ONLY.

8. CONNECTOR SUPPLIED WITH 50 CONTACTS, AMP PART NUMBER 206793-1; (NOT INSTALLED).

.605±.015

.423

.429±.010

.534±.010

8

.039±.010

.243

.375 MAX.

2.178±.010

SHELL, FRONT

MAT'L: BRASS PER ASTM B 36, CARTRIDGE  
FINISH: PLATED .000050 GOLD PER MIL-DTL-45204  
OVER COPPER .00100 PER AMS 2418

INSERT ASSEMBLY  
MAT'L: POLYESTER

.050±.020  
TYP.

MANUFACTURER'S NAME, BRAND OR LOGO,  
PART NUMBER AND DATE CODE MARKED FAR SIDE.  
CUSTOMER PART NUMBER MARKED NEAR SIDE.

NOT RELEASED FOR PRODUCTION

OBSOLETE

OBSOLETE

REMARKS

DIA A

MARKED  
CUSTOMER P/N

MARKED  
MFG P/N

PART  
NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:  
INCHES

TOLERANCES UNLESS  
OTHERWISE SPECIFIED:

MATERIAL  
SEE CALLOUTS

DWN  
M.CLOUSER  
CHK  
T.CANTLIN  
APVD  
—

PRODUCT SPEC  
—

APPLICATION SPEC  
—

WEIGHT  
—

CUSTOMER DRAWING

SCALE  
4:1

SHEET  
1 OF 1

REV  
U

1-4-89

1-24-89

NAME

SIZE  
A1

CAGE CODE  
00779

DRAWING NO  
206805

RESTRICTED TO  
—

TE Connectivity

RECEPTACLE FOR SOCKET CONTACTS,  
SERIES 109, 50 POSITION,  
AMPLIMITE

4805 (3/11)