

8

7

6

5

4

3

2

1

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

ALL RIGHTS RESERVED.

LOC

DIST

REV

LTR

DESCRIPTION

DATE

DWN

APVD

W

REV PER ECO 15-016064

11-9-15

CT

CD

1. THIS RECEPTACLE WILL MATE WITH ANY PLUG CONNECTOR WITH THE SAME INSERT ARRANGEMENT AS DEFINED BY MS18275-2.

2. MAXIMUM WIRE INSULATION USED WITH THIS RCPT. IS .054 [1.37] DIA.

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

4. INSPECTION REQUIREMENTS PER R4383.

5. CONNECTOR SUPPLIED WITH 49 CONTACTS, MFG'S PART NUMBER 206071-1. INSPECTION REQUIREMENTS PER R4383 WITHOUT TESTS FOR HIGH ALTITUDE DIELECTRIC WITHSTANDING VOLTAGE AS CALLED FOR IN TABLE II SCREENING AND TESTING.

6. UL/CSA DESIGNATION MARKED IN THIS AREA,OPTIONAL

7. SPECIAL TESTING PER GE DOCUMENT 20025720. CONNECTOR SUPPLIED WITH 54 CONTACTS, MFG'S P/N 206071-1.

8. RESTRICTED TO CAE ELECTRONICS ONLY.

9. THESE CONNECTORS ARE QUALIFIED TO GODDARD SPACE FLIGHT CENTER SPECIFICATION S-311-P-4.

RAISED CAVITY INDENTIFICATION NUMBERS

.100±.003 R.
[2.54±0.08] TYP

DIA A
2 HOLES

10° TYP. MATING FACE

1.852
[47.04]

2.088±.015
[53.04±0.38]

1

6

30

44

3

CUSTOMER PART NO.,
IF APPLICABLE, MARKED FAR SIDE.

1.511
[38.38]

SHELL, FRONT
MATL: BRASS PER MIL-C-50
FINISH: PLATED GOLD PER MIL-G-45204
OVER .000100 MIN COPPER PER MIL-C-14550

R.041
MAX [1.04]

.050±.020
[1.27±0.51] TYP

SHELL, REAR
MATL: BRASS PER MIL-C-50
FINISH: PLATED GOLD PER MIL-G-45204
OVER .000100 MIN COPPER PER MIL-C-14550

1.625±.010
[41.28±0.25]

INSERT ASSEMBLY
MATL: POLYPHENEYLENE SULFIDE
(PPS) GST-40F PER MIL-M-24519
OR GLASS FILLED POLYESTER,
TPES013G30 PER ASTM D5927

.039±.010
[0.99±0.25]

.243
[6.17]

.375 MAX.
[9.53]

.494±.015
[12.55±0.38]

.311
[7.89]

.429±.010
[10.90±0.25]

.422±.010
[10.72±0.25]

MFG'S P/N 206071-1
GSFC P/N G-08-S1
(SUPPLIED WITH 206064-7 AND
206064-8 ONLY)

8/9	.120 [3.05]	570566-3	1-206064-0	1-206064-0
7	.120 [3.05]	311P407-3S-B-12	206064-4	206064-9
5	.120 [3.05]	20025720P1044S	206064-8	206064-8
	.120 [3.05]	R4383P44S	206064-7	206064-7
	.120 [3.05]	---	206064-6	206064-6
4	.120 [3.05]	R4383P44S-2	206064-5	206064-5
9	.120 [3.05]	311P407-3S-B-12	206064-4	206064-4
	.154 [3.91]	---	206064-3	206064-3
9	.154 [3.91]	311P407-3S-B-15	206064-2	206064-2
	.120 [3.05]	R9259P44S	206064-1	206064-1
REMARKS	DIA A	CUSTOMER P/N ON CONNECTOR	AMP P/N ON CONNECTOR	MFG'S P/N

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN P. YEAGER CHK D. MILLER APVD D. MILLER	05OCT06 05OCT06 05OCT06	TE Connectivity	
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	NAME		AMPLIMITE NONMAGNETIC RCPT ASSY SERIES 90, SHELL SIZE 3, 44 POSN	
	0 PLC ± -	PRODUCT SPEC		SIZE	
	1 PLC ± -	APPLICATION SPEC		CAGE CODE	
MATERIAL SEE CALLOUTS	2 PLC ± -	WEIGHT		DRAWING NO	
	3 PLC ± .005	CUSTOMER DRAWING		RESTRICTED TO	
4 PLC ± -	SCALE 4:1		SHEET 1 OF 1		REV W
ANGLES ± -					
FINISH SEE CALLOUTS					

4805 (3/11)

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[206064-4](#)