

8

7

6

5

4

3

2

1

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

ALL RIGHTS RESERVED.

LOC

DIST

REV

PER

ECO

15-016064

DATE

11-9-15

DWN

CT

APVD

CD

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

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

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

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

5. INSPECTION REQUIREMENTS PER R4383.

6. CONNECTOR SUPPLIED WITH 49 CONTACTS, MFG'S PART NUMBER 204370-8. INSPECTION REQUIREMENTS PER R4383 WITHOUT TESTS FOR HIGH ALTITUDE DIELECTRIC WITHSTANDING VOLTAGE AS CALLED FOR IN TABLE II SCREENING AND TESTING.

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

8. 54 CONTACTS, MFG'S PART NUMBER 204370-8, SUPPLIED WITH EACH CONNECTOR

9. CONNECTOR LOADED WITH POSTED CONTACTS. INSPECTION REQUIREMENTS PER GENERAL ELECTRIC DOCUMENT 20025720.

10. RESTRICTED TO CAE ELECTRONICS ONLY.

RAISED CAVITY INDENTIFICATION NUMBERS

.104±.002 R. TYP.

DIA A 2 HOLES

10' TYP.

MATING FACE

2.088±.015

1.852

1.534

.329

16

31

15

30

44

4

4

SHELL, FRONT

MATL: BRASS PER MIL-C-50

FINISH: PLATED GOLD PER MIL-G-45204

OVER .000100 MIN COPPER PER MIL-C-14550

.030 DIA. TYP.

.220 MAX.

.050±.020 TYP.

.155 MIN. FULL PIN DIA. EXT.

.150±.025 FOR 1-206063-1 ONLY

Ø.020 FOR 1-206063-1 ONLY

1.625±.010

INSERT ASSEMBLY

MATL: POLYPHENEYLENE SULFIDE (PPS) GST-40F PER MIL-M-24519

OR GLASS FILLED POLYESTER, TPES013G30 PER ASTM D5927

CUSTOMER PART NO. MARKED, FAR SIDE

TE, MFG'S PART NUMBER & DATE CODE MARKED FAR SIDE

.039±.010

.230±.006

.375 MAX.

SHELL, REAR

MATL: BRASS PER MIL-C-50

FINISH: PLATED GOLD PER MIL-G-45204

OVER .000100 MIN COPPER PER MIL-C-14550

CONTACT P/N 204370-8

GSFC G-08-P1

(SUPPLIED WITH 206063-7 AND 1-206063-0 ONLY)

.494±.015

.426±.010

.422±.010

7	10	.120	570566-9	1-206063-3	1-206063-3
9	8	.120	311P407-3P-B-12	1-206063-2	1-206063-2
		.120	20025720P2044P	1-206063-1	1-206063-1
		.120	3261113-11	1-203063-0	1-203063-0
		.120	1622251-002	206063-9	206063-9
		.120	7636-5	206063-8	206063-8
	6	.120	R4383P44P	206063-7	206063-7
		.120		206063-6	206063-6
	5	.120	R4383P44P	206063-5	206063-5
	7	.120	311P407-3P-B-12	206063-4	206063-4
		.154		206063-3	206063-3
	7	.154	311P407-3P-B-15	206063-2	206063-2
		.120	R9259P44P	206063-1	206063-1
REMARKS	DIA A	MARKED CUSTOMER P/N	MARKED AMP P/N	MFG'S PART NUMBER	

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M. CLOUSER CHK F.J. KINSEY APVD F. KINSEY	12-9-90 11-19-91 11-19-91	TE Connectivity	
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	NAME		PLUG, PIN CONTACTS HI-DENSITY HDD CONNECTOR SIZE 3 (44 POSN)	
	0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .005 4 PLC ± - ANGLES ± -	PRODUCT SPEC	APPLICATION SPEC	SIZE	CAGE CODE
MATERIAL SEE CALLOUTS	FINISH SEE CALLOUTS	WEIGHT	—	A100779C=206063	
CUSTOMER DRAWING			SCALE 4:1	SHEET 1 OF 1	REV AD

4805 (3/11)