



- | REV | DATE | DESCRIPTION | APP'D |
|-----|---------|-----------------------------|-------|
| B | 6/11/82 | REDRAWN, NPR C92-128 | JH |
| C | 6/11/82 | OBsolete PER EC 0020-146-94 | JH |
- MATERIAL: HOUSING AND TINE PLATE - GLASS FILLED 6/6 NYLON (ZYTEL FR50), 94V-0, BLACK. CONTACTS - PHOSPHOR BRONZE, 0.25 [0.10] THICK, PLATED WITH 0.3μm [0.000011] MINIMUM THICK GOLD IN CONTACT AREA AND 1.0μm [0.000039] MINIMUM THICK TIN-LEAD ON SOLDER TINE OVER 1.27μm [0.000050] MINIMUM THICK NICKEL UNDERPLATE. RETENTION LEGS - BRASS, 0.635 [0.0250] THICK, PLATED WITH 1.0μm [0.000039] MINIMUM THICK TIN-LEAD OVER 1.0μm [0.000039] MINIMUM THICK NICKEL UNDERPLATE.
- DIMENSIONS ARE MAXIMUM UNLESS OTHERWISE SPECIFIED.
 - CONNECTION WILL ACCOMMODATE PRINTED CIRCUIT BOARD THICKNESS OF 0.8-1.6 [0.031-.063].
 - 120 POSITION AS SHOWN.

DIM J	DIM H	PART NO
125.54	128.19	176381-8
112.84	115.49	176381-7
100.14	102.79	176381-6
87.44	90.09	176381-5
72.2	74.85	176381-4
59.5	62.15	176381-3
46.8	49.45	176381-2
34.1	36.75	176381-1

DIM G	DIM F	DIM E	DIM D	DIM C	DIM B	DIM A	POSITION	PART NO
120.81	117.37	64.08	51.38	115.57	62.23	49.53	180	176381-8
108.11	104.67	64.08	38.68	102.87	62.23	36.83	160	176381-7
95.41	91.97	51.38	38.68	90.17	49.53	36.83	140	176381-6
82.71	79.27	51.38	25.98	77.47	49.53	24.13	120	176381-5
67.47	64.03	-	-	62.23	-	-	100	176381-4
54.77	51.33	-	-	49.53	-	-	80	176381-3
42.07	38.63	-	-	36.83	-	-	60	176381-2
29.37	25.93	-	-	24.13	-	-	40	176381-1

METRIC

DO NOT SCALE PRINT. UNLESS SPECIFIED DIMENSIONS IN mm (INCHES) TOLERANCES ON 1 2 PL DEC ANGLES

DR 6/11/82 JEL HAROLD WOOTEN
CHK 2/3/83 S. HOSSEY
APPD 2/3/83 S. BROWN
PRODUCT SPEC 108-5309
APPLICATION SPEC

AMP Incorporated Harrisburg, PA 17105-3608

NAME PLUG ASSEMBLY, W/RETENTION LEGS, FH (FREE HEIGHT) CONNECTOR, RIGHT ANGLE, CHAMP .050, SERIES I

SIZE 00779 DRAWING NO 176381
SCALE 4:1 SHEET 1 OF 1

CUSTOMER DRAWING