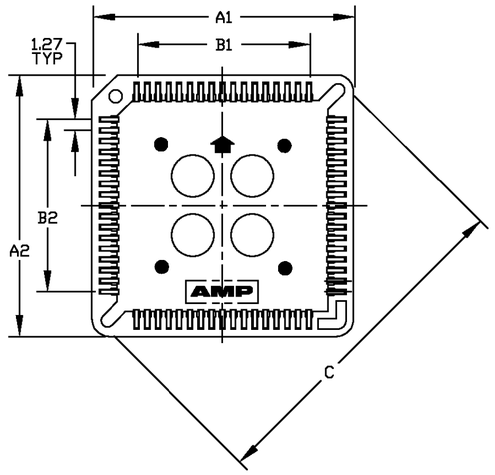
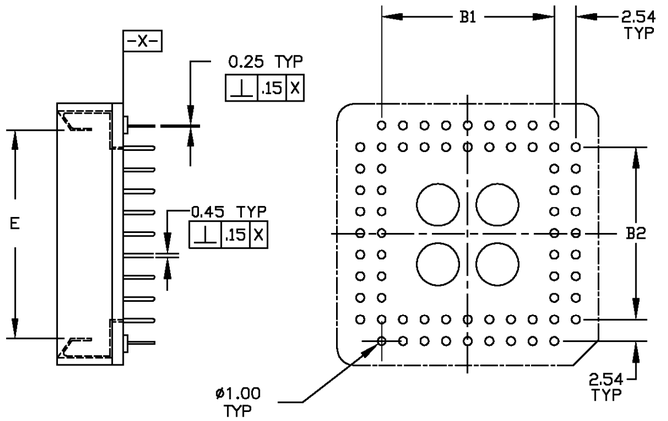
LOC	DIST
AG	53

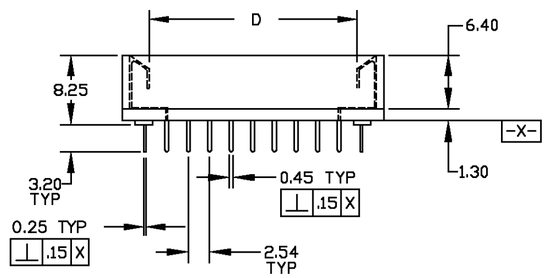
REVISIONS

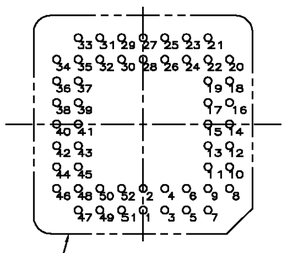
P	LTR	DESCRIPTION	DATE	DWN	APVD
	D	REVISED PER EC 0G3C-0057-00	15FEB00	BH	MZ





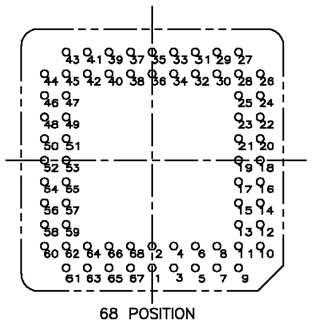
RECOMMENDED PCB FOOT PRINT



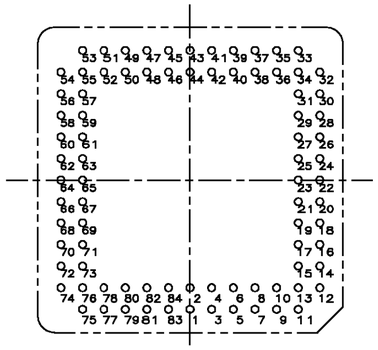


52 POSITION

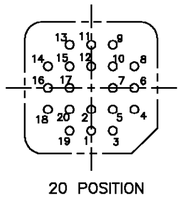
CONNECTOR OUTLINED IN PHANTOM LINE



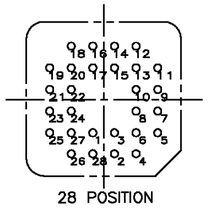
68 POSITION



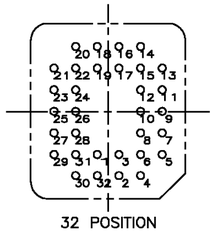
84 POSITION



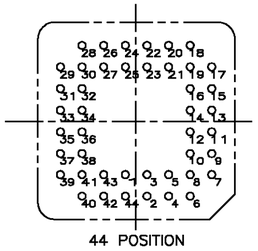
20 POSITION



28 POSITION



32 POSITION



44 POSITION

RECOMMENDED CIRCUIT CONFIGURATION
VIEWED FROM COMPONENT SIDE OF CIRCUIT

1. MATERIAL:
HOUSING - THERMOPLASTIC UL94 V-0.
CONTACT - PHOSPHOR BRONZE.

2. FINISH: CONTACT PLATING: 90/10 TIN-LEAD OVER NICKEL, ALL OVER.

3. PLASTIC LEADED CHIP CARRIER MUST CONFORM TO JEDEC SPECS. MS-016 & MS-018.

4. SPECIFICATION SUBJECT TO CHANGE WITHOUT NOTICE. CONTACT AMP FOR THE LATEST SPECIFICATIONS.

PERFORMANCE INFORMATION

TEST DESCRIPTION	REQUIREMENT	TEST SPECIFICATION
TERMINATION RESISTANCE	20 MILLIOHMS MAX INITIAL, 40 MILLIOHMS MAX FINAL AFTER VIBRATION, HUMIDITY AND THERMAL SHOCK.	MIL-STD-1344A METHOD 3004.1
INSULATION RESISTANCE	1,000 MEGAOHMS MIN INITIAL, 500 MEGAOHMS MIN AFTER HUMIDITY AND THERMAL SHOCK.	MIL-STD-1344A METHOD 3003.1
DIELECTRIC WITHSTANDING VOLTAGE	600V RMS BETWEEN ADJACENT CONTACTS, 1 MINUTE HOLD. NO EVIDENCE OF BREAKDOWN OR FLASHOVER AFTER HUMIDITY AND THERMAL SHOCK.	MIL-STD-1344A METHOD 3001.1
VIBRATION	10-55-10 HZ PER MINUTE, 1.52mm AMPLITUDE, 2 HOURS IN EACH DIRECTION. NO DISCONTINUITIES OR LOOSENING OF PARTS. MUST PASS TERMINATION RESISTANCE.	MIL-STD-1344A CONDITION B METHOD 2005.1
DURABILITY	30 CYCLES NO VISIBLE DEFECTS, CONTACT RESISTANCE 20 MILLIOHMS MAX.	MIL-STD-1344A METHOD 2016
MATING FORCE	425 GRAMS (15 OZ) MAX PER CONTACT. INSERT AT CONSTANT SPEED OF 25mm PER MINUTE.	-
UNMATING FORCE	10 GRAMS (.35 OZ) MIN PER CONTACT. WITHDRAW AT CONSTANT SPEED OF 25mm PER MINUTE.	-
THERMAL SHOCK	25 CYCLES 1 CYCLE = -25°C FOR 30 MINUTES AND +105°C FOR 30 MINUTES. MUST PASS INSULATION RESISTANCE, DIELECTRIC WITHSTANDING AND TERMINATION RESISTANCE.	MIL-STD-202F CONDITION B METHOD 107E
CONTACT RETENTION FORCE	250 GRAMS (8.8 OZ) MIN PER CONTACT. CONTACT PULLED AT CONSTANT SPEED OF 25mm PER MINUTE.	-
HUMIDITY	48 HOURS AT 90-95% RELATIVE HUMIDITY AT 40°±2°C. MUST PASS INSULATION RESISTANCE, DIELECTRIC WITHSTANDING AND TERMINATION RESISTANCE.	MIL-STD-1344A TYPE 1, CONDITION B METHOD 1002.2
SOLDERABILITY	95% MINIMUM COVERAGE. IMMERSE FOR 5±.5 SECONDS IN 230°±5°C BATH.	MIL-STD-202F METHOD 208
RESISTANCE TO SOLDERING HEAT	IMMERSE FOR 5±.5 SECONDS IN 260°±5°C BATH. SPECIMEN MOUNTED ON PC BOARD. NO DEFORMATION ALLOWED.	-
CURRENT RATING	1 AMP	-
VOLTAGE RATING	250V	-
TEMPERATURE RATING	-55°C TO +170°C	-

E	D	C	B2	B1	A2	A1	TOTAL QUANTITY PER CARTON	PACKAGING	NO. OF POSITIONS	AMP PART NUMBER
29.42	29.42	46.15	25.40	25.40	35.88	35.88	1248	TUBE	84	822473-7
24.38	24.38	39.00	20.32	20.32	30.80	30.80	1596	TUBE	68	822473-6
19.30	19.30	31.50	15.24	15.24	25.72	25.72	2254	TUBE	52	822473-5
16.74	16.74	27.50	12.70	12.70	23.18	23.18	2800	TUBE	44	822473-4
13.94	11.36	22.65	10.16	7.62	20.54	18.10	4060	TUBE	32	822473-3
11.46	11.46	20.70	7.62	7.62	18.10	18.10	4620	TUBE	28	822473-2
8.90	8.90	17.20	5.08	5.08	15.56	15.56	6552	TUBE	20	822473-1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: MM

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± -
1 PLC ± -
2 PLC ± 0.20
3 PLC ± -
4 PLC ± -
ANGLES ± -

MATERIAL 1
FINISH 2

DWN	A.HOLT	26AUG99
CHK	B.KUHNLY	25MAR99
APVD	B.KUHNLY	25MAR99
PRODUCT SPEC	SEE NOTES	
APPLICATION SPEC	NONE	
WEIGHT	-	

AMP Incorporated
Harrisburg Pa 17105-3608

NAME: SOCKET ASSEMBLY, PLCC, SOLDERTAIL
-

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-822473	-

CUSTOMER DRAWING | SCALE 2:1 | SHEET 1 OF 1 | REV D

822473