



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



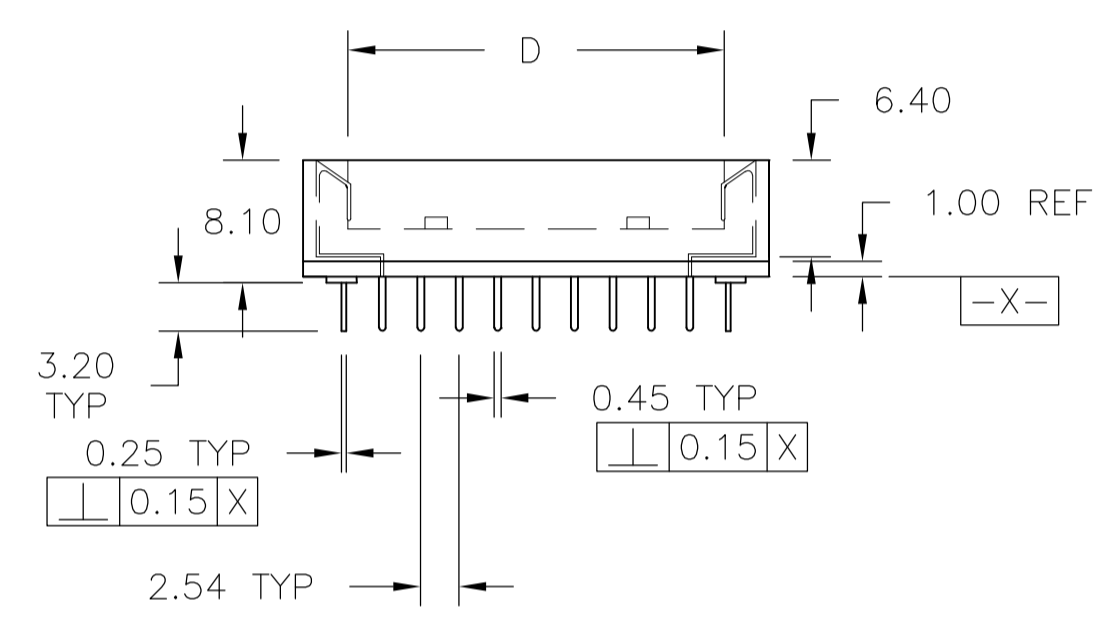
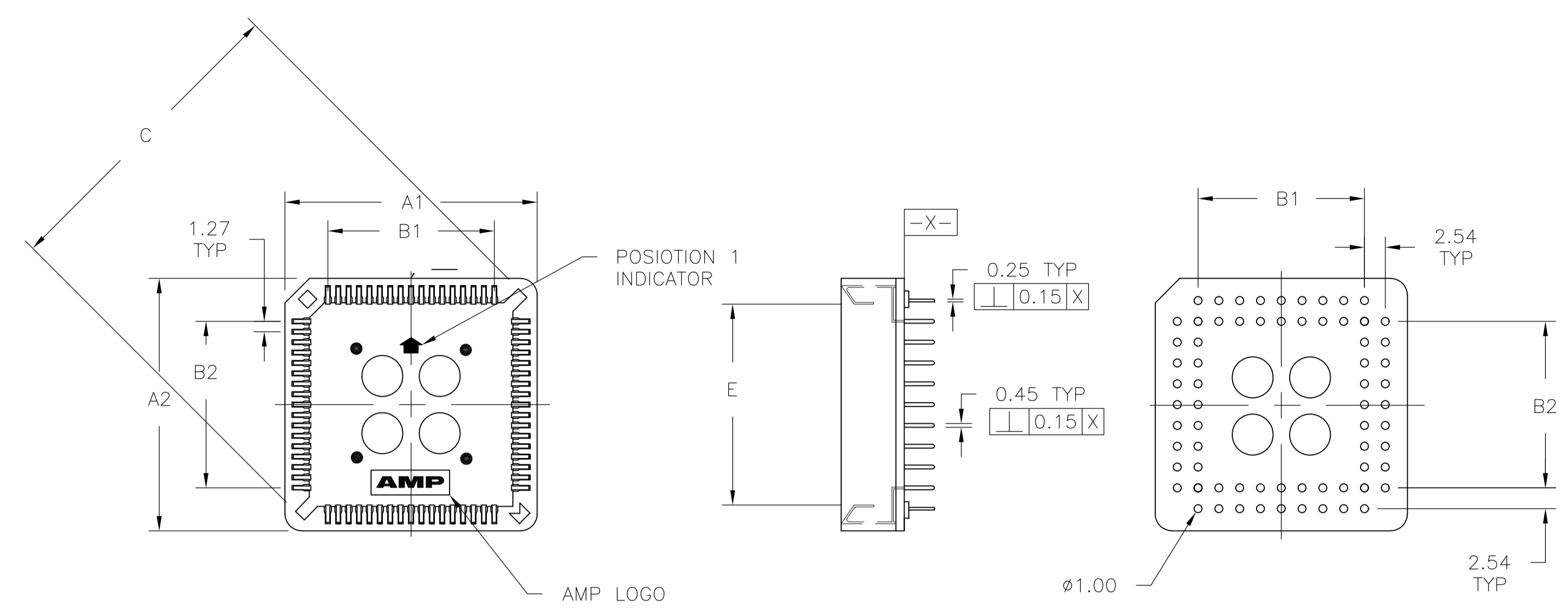
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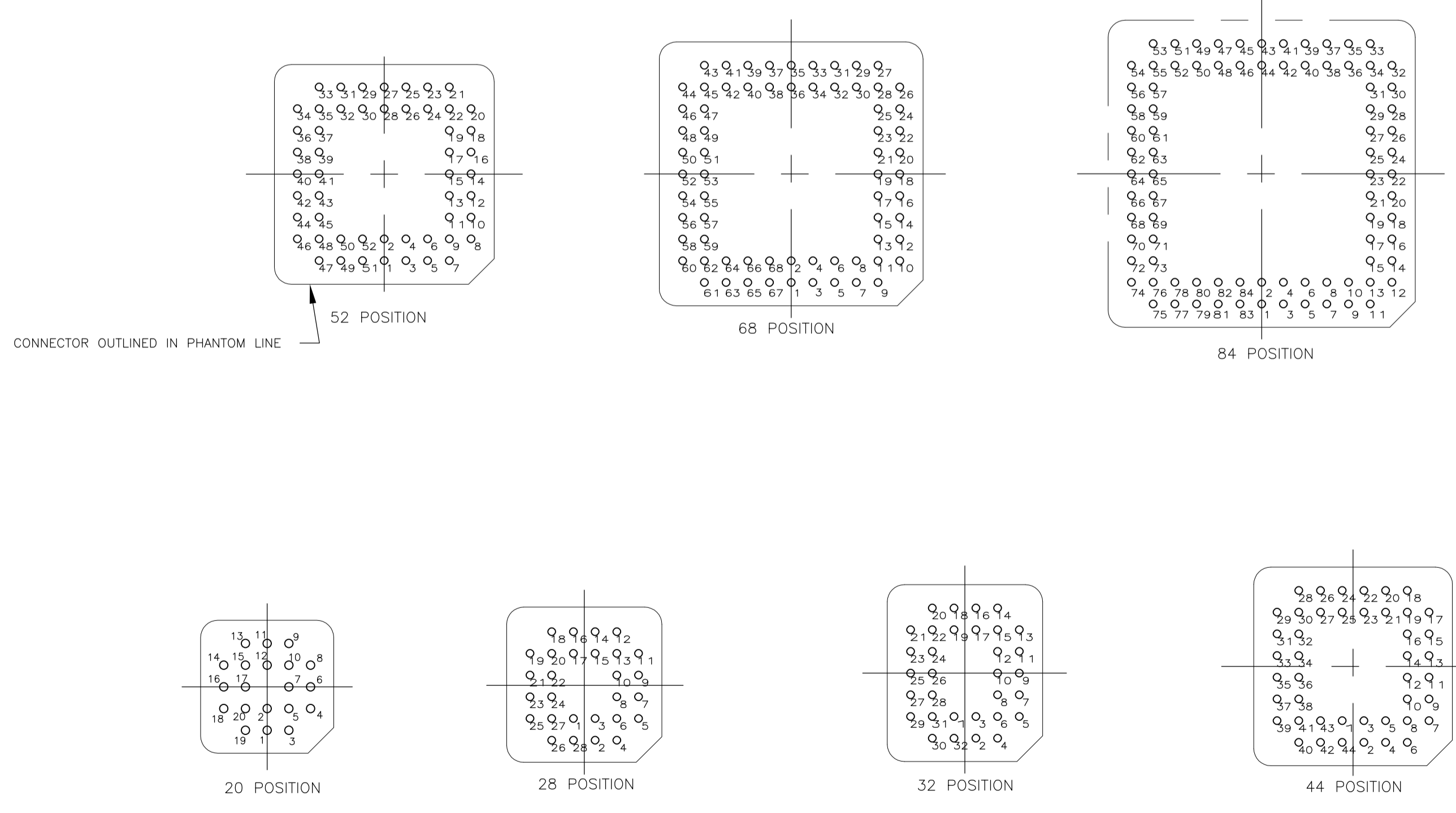
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RECOMMENDED PCB FOOT PRINT



RECOMMENDED CIRCUIT CONFIGURATION VIEWED FROM COMPONENT SIDE OF CIRCUIT

- 1 MATERIAL:
HOUSING - THERMOPLASTIC UL94 V-0.
CONTACT - PHOSPHOR BRONZE.
- 2 FINISH: CONTACT PLATING: 1.52 μm 90/10 BRIGHT OR MATTE TIN-LEAD OVER 0.51 μm 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 TE CONNECTIVITY FOR THE LATEST SPECIFICATIONS.
- 5 FINISH: CONTACT PLATING 2.54 μm BRIGHT OR MATTE TIN OVER 1.27 μm NICKEL, ALL OVER.
- 6 ROHS 2002/95/EC COMPLIANT

PERFORMANCE INFORMATION		
TEST DESCRIPTION	REQUIREMENT	TEST SPECIFICATION
CONTACT RESISTANCE	20 MILLIOHMS MAX INITIAL, 40 MILLIOHMS MAX FINAL AFTER VIBRATION OR HUMIDITY.	MIL-STD-202G METHOD 307
INSULATION RESISTANCE	1,000 MEGAOHMS MIN INITIAL, 500 MEGAOHMS MIN AFTER HUMIDITY.	MIL-STD-202G METHOD 302
DIELECTRIC WITHSTANDING VOLTAGE	500 VAC BETWEEN ADJACENT CONTACTS, 1 MINUTE HOLD. NO EVIDENCE OF BREAKDOWN OR FLASHOVER AFTER HUMIDITY.	MIL-STD-202G METHOD 301
VIBRATION	10-55-10 HZ PER MINUTE, 1.5mm AMPLITUDE, 2 HOURS IN EACH DIRECTION. 100 nsec. MAX DISCONTINUITIES OR LOOSENING OF PARTS. MUST PASS CONTACT RESISTANCE.	EIA-364-28 CONDITION 1
DURABILITY	30 CYCLES NO VISIBLE DEFECTS, CONTACT RESISTANCE 40 MILLIOHMS MAX.	EIA-364-09
MATING FORCE	425 GRAMS (15 OZ) MAX PER CONTACT. INSERT AT CONSTANT SPEED OF 25mm PER MINUTE.	MIL-STD-1344A METHOD 2013.1
UNMATING FORCE	10 GRAMS (.35 OZ) MIN PER CONTACT. WITHDRAW AT CONSTANT SPEED OF 25mm PER MINUTE.	MIL-STD-1344A METHOD 2013.1
COLD TEST	TEMPERATURE: -40°C±3°C DURATION: 48±1 HOURS RESISTANCE VALUE AFTER TEST 40mΩ. APPEARANCE SHALL NOT BE DISTINCT DAMAGE.	JIS-C-0020
HIGH TEMP TEST	TEMPERATURE: 85°C±3°C DURATION: 96 HOURS RESISTANCE VALUE AFTER TEST 40mΩ. APPEARANCE SHALL NOT BE DISTINCT DAMAGE.	JIS-C-0021
CONTACT RETENTION FORCE	300 GRAMS (10.5 OZ) MIN PER CONTACT. CONTACT PULLED AT CONSTANT SPEED OF 25mm PER MINUTE.	ANSI/EIA-364-29
HUMIDITY	95 HOURS AT 90-95% RELATIVE HUMIDITY AT 40°±2°C. MUST PASS INSULATION RESISTANCE, DIELECTRIC WITHSTANDING OR CONTACT RESISTANCE.	JIS-C-0022
SOLDERABILITY	95% MINIMUM COVERAGE. IMMERSE FOR 3±.5 SECONDS IN 260°±5°C BATH.	JIS-C-0050
CURRENT RATING	1 AMP	-
VOLTAGE RATING	250V	-
OPERATING TEMPERATURE RATING	-20°C TO 85°C	-

△	△	29.42	29.42	46.15	25.40	25.40	35.88	35.88	1248	TUBE	84	1-822473-7
△	△	24.38	24.38	39.00	20.32	20.32	30.80	30.80	1596	TUBE	68	1-822473-6
△	△	19.30	19.30	31.50	15.24	15.24	25.72	25.72	2254	TUBE	52	1-822473-5
△	△	16.74	16.74	27.50	12.70	12.70	23.18	23.18	2800	TUBE	44	1-822473-4
△	△	13.94	11.36	22.65	10.16	7.62	20.54	18.10	4060	TUBE	32	1-822473-3
△	△	11.46	11.46	20.70	7.62	7.62	18.10	18.10	4620	TUBE	28	1-822473-2
△	△	8.90	8.90	17.20	5.08	5.08	15.56	15.56	6552	TUBE	20	1-822473-1
△	△	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

FINISH	E	D	C	B2	B1	A2	A1	TOTAL QUANTITY PER CARTON	PACKAGING	NO. OF POSITIONS	AMP PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

STE TE Connectivity

SOCKET ASSEMBLY, PLCC, SOLDERTAIL

SEE NOTES

SCALE 2:1 SHEET 1 OF 1 REV H1