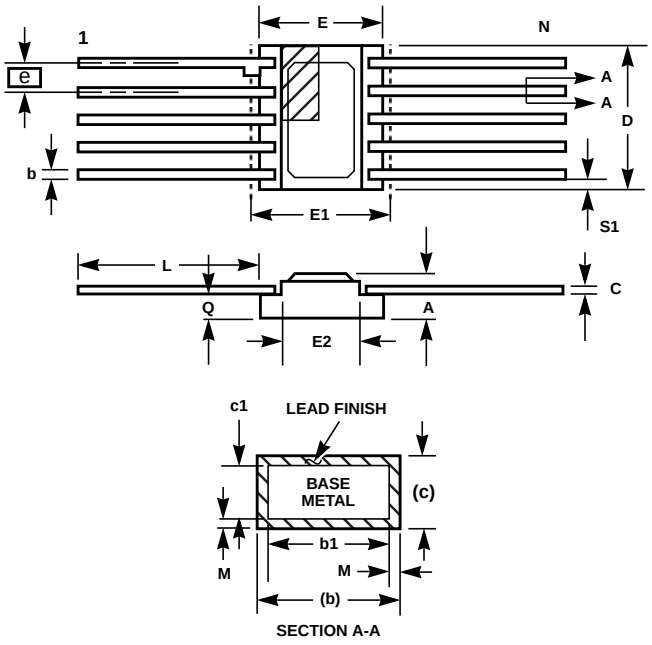
Ceramic Metal Seal Flatpack Packages (Flatpack)



NOTES:

1. Index area: A notch or a pin one identification mark shall be located adjacent to pin one and shall be located within the shaded area shown. The manufacturer's identification shall not be used as a pin one identification mark. Alternately, a tab (dimension k) may be used to identify pin one.
2. If a pin one identification mark is used in addition to a tab, the limits of dimension k do not apply.
3. This dimension allows for off-center lid, meniscus, and glass overrun.
4. Dimensions b1 and c1 apply to lead base metal only. Dimension M applies to lead plating and finish thickness. The maximum limits of lead dimensions b and c or M shall be measured at the centroid of the finished lead surfaces, when solder dip or tin plate lead finish is applied.
5. N is the maximum number of terminal positions.
6. Measure dimension S1 at all four corners.
7. For bottom-brazed lead packages, no organic or polymeric materials shall be molded to the bottom of the package to cover the leads.
8. Dimension Q shall be measured at the point of exit (beyond the meniscus) of the lead from the body. Dimension Q minimum shall be reduced by 0.0015 inch (0.038mm) maximum when solder dip lead finish is applied.
9. Dimensioning and tolerancing per ANSI Y14.5M - 1982.
10. Controlling dimension: INCH.
11. The basic lead spacing is 0.050 inch (1.27mm) between center lines. Each lead centerline shall be located within ±0.005 inch (0.13mm) of its exact longitudinal position relative to lead 1 and the highest numbered (N) lead.

K42.A **TOP BRAZED**

42 LEAD CERAMIC METAL SEAL FLATPACK PACKAGE

SYMBOL	INCHES		MILLIMETERS		NOTES
	MIN	MAX	MIN	MAX	
A	-	0.100	-	2.54	-
b	0.017	0.025	0.43	0.64	-
b1	0.017	0.023	0.43	0.58	-
c	0.007	0.013	0.18	0.33	-
c1	0.007	0.010	0.18	0.25	-
D	1.045	1.075	26.54	27.31	3
E	0.630	0.650	16.00	16.51	-
E1	-	0.680	-	17.27	3
E2	0.530	0.550	13.46	13.97	-
e	0.050 BSC		1.27 BSC		11
k	-	-	-	-	-
L	0.320	0.350	8.13	8.89	-
Q	0.045	0.065	1.14	1.65	8
S1	0.000	-	0.00	-	6
M	-	0.0015	-	0.04	-
N	42		42		-

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