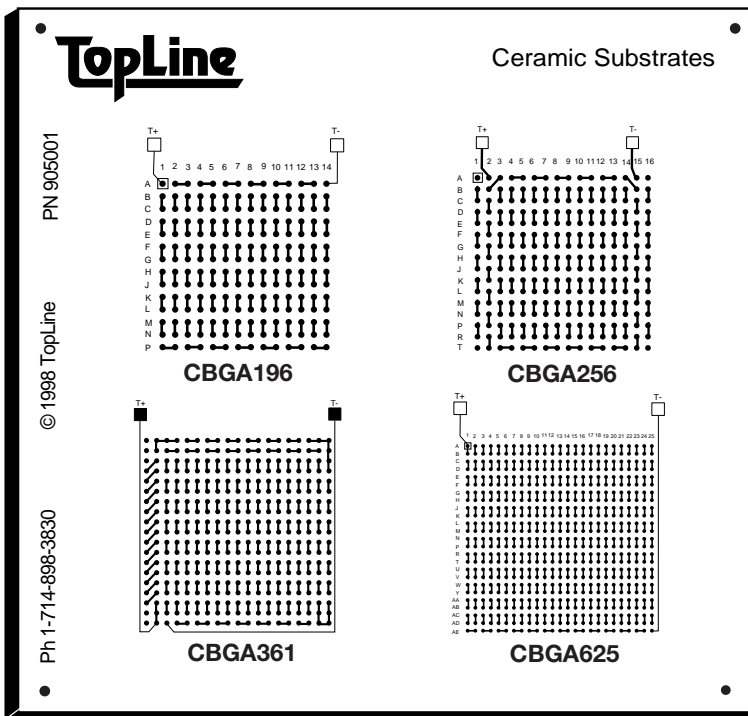




CERAMIC CBGA 1.27mm CERAMIC SUBSTATES WITH DAISY CHAIN



TopLine offers a full range of high temperature ceramic substrates for placement and rework of ceramic CBGA. Specifically designed and compatible with TopLine's CBGA series with daisy chain.

SEE FOLLOWING PAGE
FOR OTHER SUBSTRATE DESIGNS

FEATURES

- Ceramic 40mil (1.0mm)
- Single Sided
- No Tooling Holes
- Fiducial Marks
- Overglaze Soldermask
- Pad Site .023" dia.
- TCE = 6.5ppm/°C



Actual Size 4.5" x 4.5" (114mm SQ)



CERAMIC CBGA 1.27mm CERAMIC SUBSTATES WITH DAISY CHAIN



KIT ORDERING INFORMATION

COMPONENT SELECTION	BALL MATRIX	NBR SITES PER SUBSTRATE	 MANUAL ASSEMBLY OR  MACHINE RUN			
			SUBSTRATE ONLY	SOLDER PASTE GERBER	ORDER NUMBER 1 KIT	ORDER NUMBER 10 KITS
CBGA196	14 x 14	1X	905001	905005	905000	905010
CBGA256	16 x 16					
CBGA361	19 x 19					
CBGA625	25 x 25					
CBGA121	11 x 11	4X	905101	905105	905100	905110
CBGA196	14 x 14		905201	905205	905200	905210
CBGA256	16 x 16		905401	905405	905400	905410
CBGA304	16 x 19		905501	905505	905500	905510
CBGA361	19 x 19		905601	905605	905600	905610
CBGA400	20 x 20		905701	905705	905700	905710
CBGA625	25 x 25		905801	905805	905800	905810
CBGA1089	33 x 33	2X	905901	905905	905900	905910

Drawings for above substrates available on request.