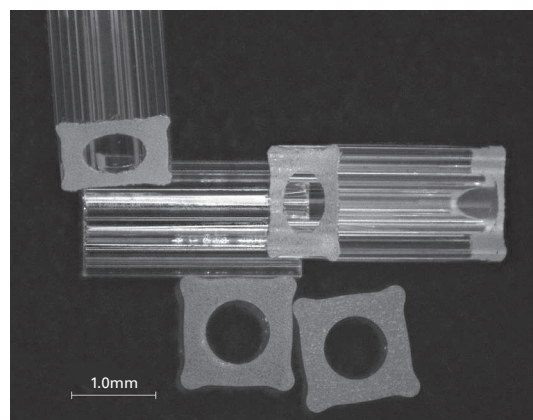
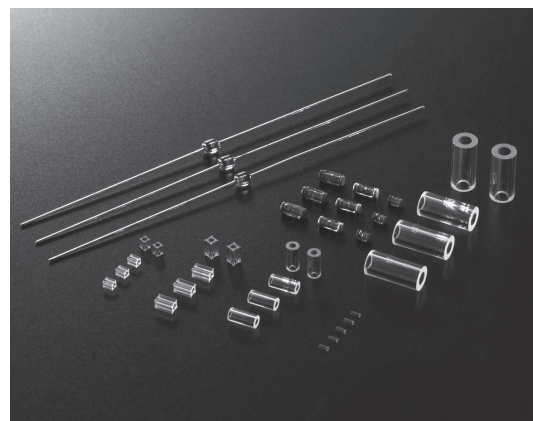


Glass Sleeves for Low Temperature Sealing

LG-16 has long been used in encapsulation of thermistors. NLT-600 is Pb-free glass and environment friendly. The acid resistance level of NLT-600 is equivalent to that of Pb glass and LG-16. We can supply not only round type glass tubes but also square type glass tubes. Square glass tubes can be mounted securely without shifting or falling.

Features

- Low sealing temperatures
- Good acid resistance in plating process
- Excellent electrical characteristics



Square glass tube

Properties

Properties/Glass Code			LG-16	NLT-600 (Pb-free)
Coefficient of thermal expansion	30-380°C	$\times 10^{-7}/K$	91	85
Density		$\times 10^3 kg/m^3$	4.31	3.09
Strain point		°C	390	567
Annealing point		°C	430	603
Softening point		°C	575	747
Sealing temperature		°C	655	817
Working point		°C	820	947
Volume resistivity Log ρ	150°C	$\Omega \cdot cm$	14.8	18.0
	250°C	$\Omega \cdot cm$	11.7	14.0
Dielectric constant	1MHz, 25°C		9.5	7.5
$\tan \delta$	1MHz, 25°C	$\times 10^{-4}$	8	7
Refractive index (n_d)			1.69	1.57
Color			Clear	Clear
Glass type			$PbO \cdot K_2O \cdot SiO_2$	$BaO \cdot K_2O \cdot B_2O_3 \cdot SiO_2$