COTRONICS RESBOND HIGH TEMP. ADHESIVE PROPERTIES

The following criteria is useful in selecting the optimum ceramic adhesive. These criteria are offered as a general guide and should be followed in the approximate order listed. A final manufacturing selection is then based on the results obtained. If several adhesives are indicated for a specific application, we would recommend a comparative evaluation be made.

1. Choose maximum temperature required.
2. Match thermal expansion between materials to be bonded.
3. Select the required electrical properties.
4. Select the bond strength requirements.
5. Check for porous surfaces (is a primer or precoat required).
6. Check moisture or humidity requirements.
7. Choose from the following manufacturing requirements:
   - A) One component, cures by evaporation.
   - B) Two component, chemical set.
   - C) Viscosity and Dispensability.