

96% or 98% Alumina (Al₂O₃), Aluminum Nitride (AlN), or Beryllium Oxide (BeO)

Conductors material: For thin, thick film technology, it'll be silver palladium (AgPd), gold palladium (AuPd); For DCB (Direct Copper Bonded) it'll be copper only

Application temp: -55~800°C

Thermal conductivity value: 24W~28W/m-K (Al₂O₃); 150W~240W/m-K for AlN , 220~250W/m-K for BeO;

Max compression strength: >6,000 N/cm²

Breakdown Voltage (KV/mm): 15/20/28 for 25mm/0.63mm/1.0mm respectively

Thermal expansion coefficient(ppm/K): 7.5 (under 50~190°C)