


Ceramic Rods / Transparent Resin Rods

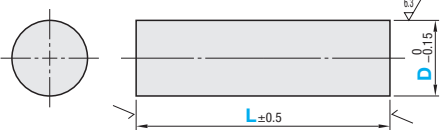
■ Ceramic Rods excel in insulation, abrasion resistance and heat resistance; Transparent Resin Rods excel in transparency and insulation.

■ Ceramic Rods



RoHS 10

CERAR



Material: Alumina 99.5

Part Number		L 1mm Increment	Unit Price		
Type	D		L30~100	L101~200	L201~300
CERAR	3	30~300			
	4				
	5				
	6				
	8				
	10				

■ Physical Properties of Alumina 99.5

Properties	Unit	Alumina 99.5
Water Absorption Ratio	%	0
Bulk Density	g/cm ³	3.9
Heat Resistance	°C	1000~1200
Compression Strength	kN/cm ²	363
Bending Strength	kN/cm ²	49
Linear Thermal Expansion Coefficient	-	8.0x10 ⁻⁶ (25~700°C)
Thermal Conductivity	W/(m·°C)	31.4 (20°C) 16.0 (300°C)
Specific Volume Resistivity	Ω·cm	10 ¹⁴ < (20°C) 10 ¹⁴ < (300°C)
Dielectric Constant	1MHz	9.8
Insulation Resistance	kV/mm	10


⚡ Washers and Collars (P.153), Bushings for Locating Pins (P.1-1686) and Circular Plates (P.991) are also available.

Ordering Example

Part Number	-	L
CERAR6	-	200

⚡ Physical property values are representative values (reference values).

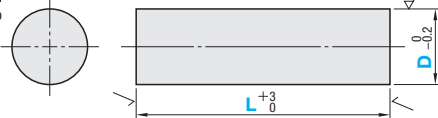
■ Transparent Resin Rods



RoHS 10

Type	Material	Color
RDJA	Acrylic - Standard	Transparent
RDJC	Polycarbonate - Standard	

⚡ The acrylic rod is made by machining the cast plate into a round rod and finished by centerless grinding.



⚡ For characteristic values, see P.949.

Part Number		L 1mm increment	Unit Price							
Type	D		RDJA			RDJC				
			L10~100	L101~200	L201~400	L401~600	L10~100	L101~200	L201~400	L401~600
RDJA Acrylic - Standard	3	10~250				-				
	4									
	5									
	6									
	8									
RDJC Polycarbonate - Standard	10	10~600								
	12									
	13									
	15									
	16									
	18									
	20									
	25									
30										

⚡ The end face is not transparent because tooling marks remain on the surface.

Ordering Example

Part Number	-	L
RDJA3	-	250