



Ceramic (Steatite) Standoffs

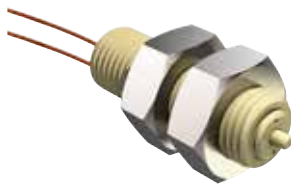
Ceramic Standoffs made from glazed steatite provide electrical isolation and resistance to thermal extremes, high-wear conditions and corrosion. Glazing provides an aesthetically pleasing finish, but its primary function is ease of cleaning, which helps prevent surface conduction via contaminants. Ceramic Standoffs are threaded on both ends and come complete with two 18-8 stainless steel vented socket head cap screws and two stainless steel washers.



111170 / Ceramic Standoff



111176 / Ceramic Standoff



113170 / UHV Precision Switch
'Normally Closed'

Ceramic (Steatite) Standoffs — 400°C / UHV to 1x10⁻¹⁰ Torr

Ceramic Length	O.D.	Air VDC	Vacuum VDC	SHCS Size	Pkg. Qty.	Model Number	Part Number	Unit Price \$
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Ceramic Standoffs

0.50	0.375	4 kV	10 kV	6-32	1	CSST-632-500	111170	32
0.75	0.375	5 kV	12 kV	6-32	1	CSST-632-750	111171	34
1.00	0.375	8 kV	20 kV	6-32	1	CSST-632-1000	111172	36
1.25	0.375	10 kV	25 kV	6-32	1	CSST-632-1250	111173	38
1.50	0.375	12 kV	30 kV	6-32	1	CSST-632-1500	111174	39
2.00	0.375	14 kV	35 kV	6-32	1	CSST-632-2000	111175	39
1.25	1.000	10 kV	25 kV	1/4-20	1	CSST-1420-1250	111176	45
1.50	1.000	12 kV	30 kV	1/4-20	1	CSST-1420-1500	111177	55
2.00	1.000	14 kV	35 kV	1/4-20	1	CSST-1420-2000	111178	60

UHV Precision Switch, 'Normally Closed'

Accu-Glass' 'Normally Closed' UHV Precision Switch is constructed using UHV compatible materials, including PEEK polymer (polyether etherketone) switch body, cap and plunger, gold plated BeCu electrical contacts, silver plated 22 AWG solid core Cu wire with Kapton® insulation, and stainless steel nuts and spring. Standard switch assembly is supplied with two, 60 inch electrical leads.

This switch is designed for plate or bracket mounting inside a UHV chamber, which requires a .375 inch clearance, or .375-24 UNF threaded hole for installation. Note that the maximum bracket or plate thickness this switch will accommodate is 5/8 of an inch. The two stainless steel nuts (supplied) are used to securely lock the switch assembly in place. Custom solutions are available on request. Contact factory for more information.

UHV Precision Switch — Normally Closed / 250°C / 2 kVDC¹, 2 Amp / UHV to 1x10⁻¹⁰ Torr

Unit Quantity	Size Length / Diameter	Description	Model Number	Part Number	Unit Price \$
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UHV Precision Switch — with 22 AWG, 60 Inch Kapton® Insulated Leads

1	60 / .375	Normally Closed Switch	SWITCH-UHV-NC	113170	275
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1. See 'Glow Discharge' information on page 270

