

SURFTRIM® SURFACE MOUNT

Sealed Construction

FEATURES

- Process seal provides protection against contaminants (flux, solvents, etc.) during production.
- Designed for flow and reflow soldering.
- Available in carrier and reel packaging.

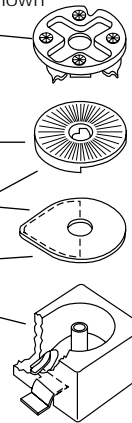
SPECIFICATIONS

Operating Temperature Range: -25°C to +85°C
 Voltage Rating: 100 VDC
 Dielectric Withstanding Voltage: 220 VDC
 Insulation Resistance: 10⁴ Megohms min
 Torque: 15 to 100 g-cm (0.2 to 1.39 oz-in)

CONSTRUCTION DETAILS OF 4 x 4.5 mm GKG MODELS

Model GKG ___ 27 Shown

- Special "drive assembly" with pointed spring fingers to engage rotor upper surface contour. Spring fingers also provide proper tension for smooth torque and low resistance.
- Special rotor with die-formed "drive" contour on upper surface.
- Flat-lapped and lubricated surfaces join for reliable capacitance settings.
- Special ceramic stator insert with metalized electrode.
- Solid one-piece housing with integrally molded terminals and contact areas. Central tubular column is spun-out into a flare after assembly to maintain built-in spring tension.



4 x 4.5 x 2.7 mm Models

Capacitance (pF)		TCC (ppm/°C)	Q min (1 MHz)	Color Code	Bulk Pack Model No.	Carrier and Reel Pack Model No.	Bulk Pack Model No.	Carrier and Reel Pack Model No.	Bulk Pack Model No.	Carrier and Reel Pack Model No.
*min	max									
1.4	3.0	0 ± 200	300**	†Red Dot	GKG3R026	GKG3R066	GKG3R027	GKG3R067	GKG3R028	GKG3R068
2.0	6.0	0 ± 200	500**	Blue	GKG6R026	GKG6R066	GKG6R027	GKG6R067	GKG6R028	GKG6R068
3.0	10.0	0 ± 300	500**	White	GKG10026	GKG10066	GKG10027	GKG10067	GKG10028	GKG10068
4.5	20.0	N900 ± 300	500**	Red	GKG20026	GKG20066	GKG20027	GKG20067	GKG20028	GKG20068
6.5	30.0	N1100 ± 450	300	Green	GKG30026	GKG30066	GKG30027	GKG30067	GKG30028	GKG30068
15.0	50.0	N1700 ± 500	300	Orange	GKG50H26	GKG50H66	GKG50H27	GKG50H67	GKG50H28	GKG50H68

† Marking on bottom of capacitor.

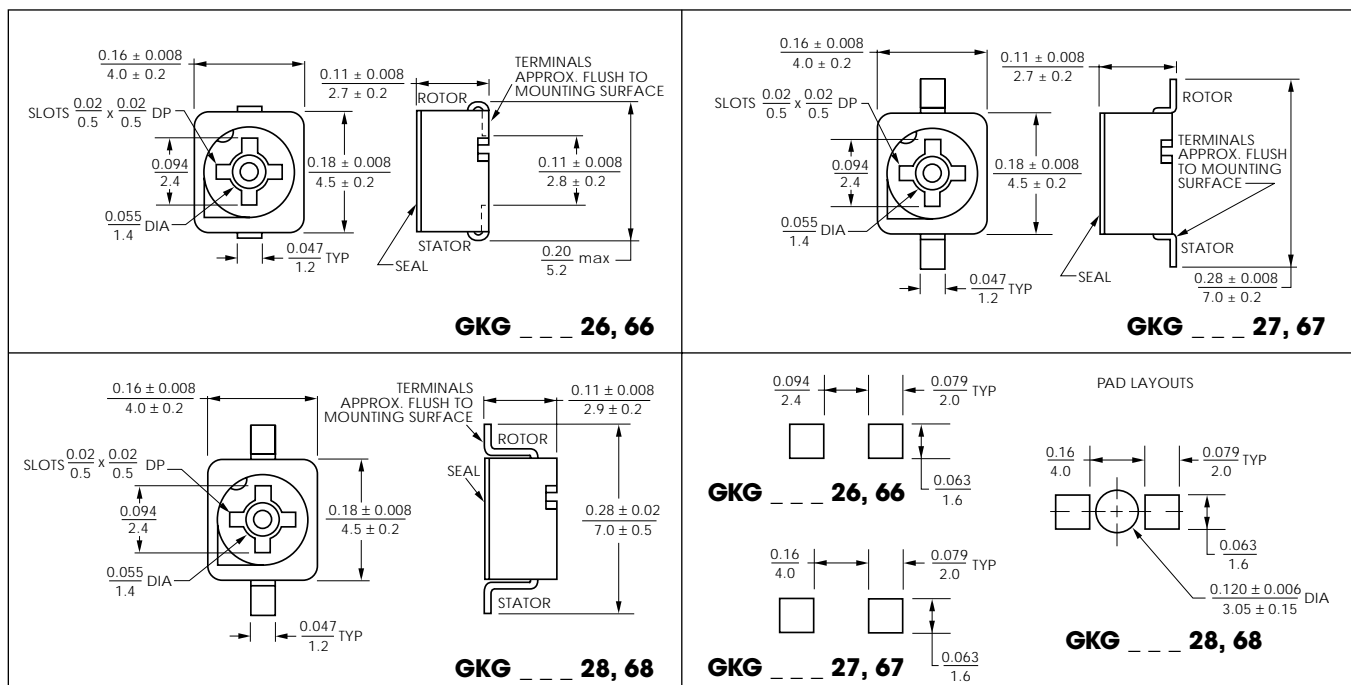
* Re-rated in 1994 for lower min capacitance.

** Q at 10 MHz

Available without seal — consult factory.

Carrier and reel specifications on page 11.

Add -07 to Model No. for 700/reel, -25 for 2500/reel.



All dimensions are in /mm. Unless otherwise specified, the tolerance on dimensions is ± 0.004 / 0.1.