



# POWER CAPACITORS

GLI



## Metallized Film Power Capacitors

### KEY BENEFITS

- Very low stray inductance
- Extremely low losses at high frequencies
- Low ESR
- Highest RMS current rating
- High impulse discharge current capability
- Resistance to heavy-duty shock and vibration
- High reliability and life expectancy
- Integrated flanges enable easy mounting

Datasheet is available on our web site at [www.vishay.com](http://www.vishay.com)  
for GLI - <http://www.vishay.com/doc?13021>

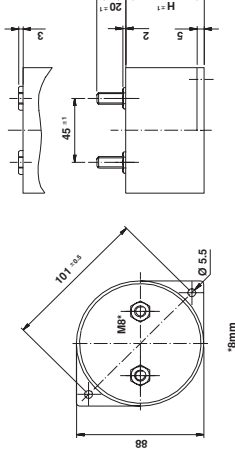
# Metalized Film Power Capacitors

## FEATURES

- Very low stray inductance
- Extremely low losses also at high frequencies
- Low ESR: < 4 mΩ
- Highest RMS current rating
- High impulse discharge current capability
- Heavy duty shock and vibration
- High reliability and life expectancy
- Easy mounting by integrated flanges



## DIMENSIONS



## TYPE DESCRIPTION

TYPE	RATED VOLTAGE		CAPACITANCE	CURRENT*	dI/dt	HEIGHT
GLI	DC (V)	AC (V)	(μF)	MAX. (A)	MAX. (V/μs)	(mm)
700-35	700	200	35	80	450	38
700-160	700	200	160	100	150	56
700-230	700	200	230	100	100	68
900-25	900	250	25	60	500	38
900-100	900	250	100	80	150	56
900-150	900	250	150	90	125	68
1100-15	1100	300	15	50	750	38
1100-75	1100	300	75	80	200	56
1100-100	1100	300	100	80	150	68
1250-50	1250	350	50	70	250	56
1250-75	1250	350	75	70	150	68
1450-40	1450	400	40	70	250	56
1450-60	1450	400	60	70	200	68
1800-25	1800	450	25	50	300	56
1800-35	1800	450	35	50	250	68
2150-18	2150	500	18	40	400	56
2150-25	2150	500	25	40	300	68

Note: Other voltage and capacitance values are available upon request.  
\*Design current for short term operation at 50°C

## GENERAL SPECIFICATIONS

Dielectric	Polypropylene
Temperature coefficient (TCC)	- 2.3% from - 20°C to + 70°C
Dissipation factor (DF)	< 4 x 10 <sup>-2</sup> KHz
Capacitance tolerance	± 5%
Operating temperature	- 40°C to + 70°C at UN - 40°C to + 100°C at 0.5* UN
Inductance	< 30nH
Lifetime expectancy	100,000 hours at U <sub>0.1</sub> and 60°C
Reliability	300FIT
Test voltage	Terminal/Terminal = 1.5*U <sub>0</sub> DC, 10s Terminal/Earth = 6000VAC, 60s
Casing material	Polyester, UL 94, V0
Filling	Resin Polyurethane, UL 94, V0
Standards	IEC 61071-1, EN 61071-1 and IEC 61 881

Revision 04-Aug-04

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