

G75 IDL 型金属化薄膜电容器/DC-Link Metalized film capacitor type G75 IDL

特点 Characteristics

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|-------------------|--|
| 1.安全金属化聚丙烯膜 | segment metalized polypropylene film |
| 2.低电感 | low self-inductance |
| 3.损耗非常小 | lower loss factor |
| 4.低 ESR | low ESR |
| 5.耐高温 | high temperature |
| 6.能承受大电流 | high surge current capability |
| 7.耐高浪涌电流能力 | high surge current capability |
| 8.自愈性 | self healing |
| 9.长寿命 | long life expectancy |
| 10.环氧树脂灌封的集成电控铝外壳 | Integrated ECU aluminum housing with epoxy potting |

性能指标 Specification

额定电压	Rated voltage	400~1500VDC
额定电容量	Capacitance	100μF~3000μF
容量偏差	Capacitance tolerance	±5%, ±10%
介质损耗角正切	Media loss factor	2×10^{-4}
损耗角正切	Loss factor	$\leq 10 \times 10^{-4}$ (1V,100Hz)
端子间耐电压	Test voltage between terminals	1.5U _n , 10s
端子与外壳间耐电压	Test voltage between terminals and case	3000VAC, 10s
运行温度	Operating temperature	-40℃~+105℃
热点温度	Hot spot temperature(θ _{HS})	≤105℃
外壳	Case	电控铝壳 ECU aluminum housing
填充料	Filler	环氧树脂 Epoxy resin
引用标准	Reference standard	IEC61071-2017or AEC Q200

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主要产品种类

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