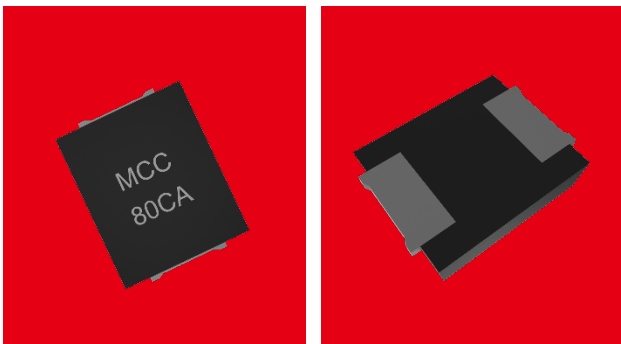


Powered by Service

Complete Discrete Semiconductor Solutions

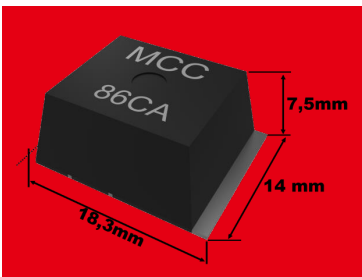


New Transient Voltage Suppressors (TVS)

- SMG-Series
- SME-Series

Micro Commercial Components extends their large TVS portfolio with bi-directional high surge current capability diodes in surface mount technology, ideal for automated placement.

These bidirectional TVS diodes are available in our new SME and SMG packages offering peak pulse current I_{PP} up to 2,5kA (SMG) and 10kA (SME) at working peak reverse voltage V_{RWM} of 58V...86V.



Key Features:

- Surge Capability 10000A (8/20 μ s)
- Bi-directional TVS
- Low Clamping Voltage under Surge
- Halogen Free & "Green"

Applications:

- DC Line Protection
- Power Supply Protection
- Protection in harsh environments
- 4G/5G Base station

Key Parameters

Part Number	Breakdown Voltage VBR(V)		Maximum Reverse Leakage @ V_{RWM}	Working Peak Reverse Voltage	Typ. Capacitance 0V Bias 10kHz	Maximum Clamping Voltage@ I_{PP}	Peak Pulse Current (8/20 μ s)
	Min.	Max.	$I_R(\mu A)$	$V_{RWM}(V)$	C(nF)	VC(V)	IPP(A)
SMEJ58CA	64	70	5	58	6,5	110	10000
SMEJ66CA	72	80	5	66	6,5	120	10000
SMEJ76CA	85	95	5	76	6,5	135	10000
SMEJ86CA	96	107	5	86	6.0	157	10000
SMGJ80CA	190	110	5	80	1,5	130	2500

