



RESISTOR CHARACTERISTICS	
Type (if already known)	
Ohmic Value * (Ω)	
Tolerance (%)	

DUTY CYCLE (normal working cond. req.)	
POWER *	
Permanent Power	W
Peak Voltage	V
Permanent Voltage	V

PULSES		
Shape of Pulses *		
Square	Decaying	Other (Pulse Graph)
Pulse Width	ms	
Frequency	Hz	
Capacitor	μ f	

DUTY CYCLE (abnormal working cond. req.)	
Power	
Pulses	

DUTY CYCLE DURING QUALIFICATION	
Power	
Pulses	

DIELECTRIC *	
Dielectric	kV
How long	s

COOLING *		
Natural	Heatsink	SMD
If natural cooling		
Max. Ambient T°	°C	
Max. Allowable T°	°C	
If heatsink cooling		
Air		
Water		
Max. Ambient T°	°C	
Max. Allowable T°	°C	
If SMD mounting		
Max. Ambient T°	°C	
Max. Allowable T°	°C	
R_{th} PCB	°C/W	

APPLICATIONS	
On-Board Charger (OBC)	
Traction Battery Pack (BMS)	
HV DC/DC Converter	
Power Inverter - Motor Control	
E-Compressor	
Other:	

FUNCTIONS *	
Precharge	
Discharge	
Active Discharge	
Balancing	
Snubber	
Other:	

QUALIFICATION *	
AEC-Q200	
Other:	

REQUESTED QUANTITY *	
	Kpcs / Year

TIME SCHEDULE	
Prototype	mm/yy
Pre Series	mm/yy
Series	mm/yy

FORM COMPLETED BY *	
Name	
Function	
Phone	
Email	
Company	
Location	
Country	
Date	

* = mandatory information