

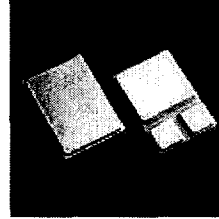
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MSAEH40A10A (#22947)

MOSKEY(MOSFET/Schottky)

Division	Santa Ana	Datasheet	(none)
Mil-Spec	(none)	Prod-Class	(none)
Shipping	(none)	Qual Data	(none)
Authored	3/22/99administrator	Updated	3/22/99administrator
Sole-Src	No	Disty-Can	No

Package

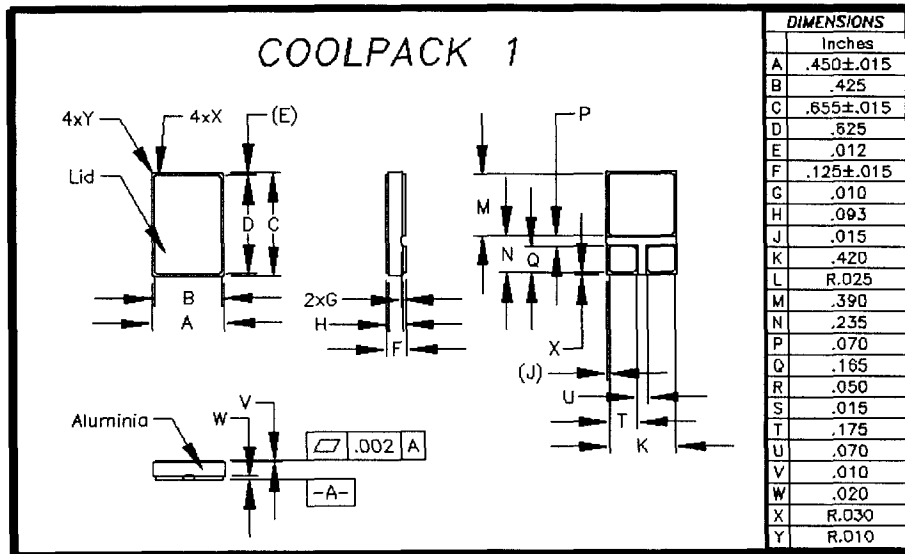


Absolute Maximum Ratings	Symbol	Max	Unit
Breakdown Voltage Drain-to-Source	B_{VDSS}	100	V
Drain Current (Continuous)	I_D	40	A
Power Dissipation	P_D	210	W

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History:
(none)

Electrical Characteristics	Symbol	Min	Typ	Max	Unit
Static Drain to Source "on" Resistance					
($I_D=40$ A)	$R_{DS(on)}$			0.04	Ohm
Body Diode Forward Voltage	V_{SD}			0.9	V
Input Capacitance/Source to Drain Short	C_{iss}			2200	pF
Output Capacitance Gate-to-Source Short	C_{oss}			1000	pF
Reverse Transfer Capacitance	C_{rss}			250	pF
Turn-On Time	$t_{(on)}$			70	nsec
Turn-Off Time	$t_{(off)}$			80	nsec



XMSC0500504*