



Devices, Inc.

T-39-23

T-39-13

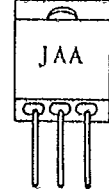
T-33-15

THE P-CHANNEL MOSFET CHIPS USED IN THE FOLLOWING DISCRETE TYPES FORM A PART OF THE "CHIP MENU" AVAILABLE FOR USE IN THE BUILDING BLOCK CIRCUITS DESCRIBED IN THE MULTI-CHIP ASSEMBLY PRODUCT LINE (SEE PAGE 7). THE SOLITRON BUILDING BLOCK APPROACH PERMITS THE DESIGN ENGINEER TO CUSTOMIZE ANY CIRCUIT IN A STANDARD PACKAGE CONFIGURATION.

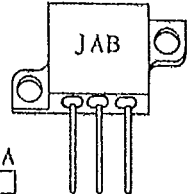
P-CHANNEL POWER MOSFETS ALL VOLTAGES AND CURRENTS ARE NEGATIVE.

Part * Number	Drain-Source Voltage V _{DS(BR)} (Volts)	Drain Current I _D @ 25°C Case		On Resistance R _{DS(on)} (Ohms)	loss (uA) 125°C	Power Diss. P _D Max (Watts)	Solitron Designator For Case Styles		
		I _D (Cont) (Amps)	I _D (Pulsed) (Amps)				JAA	JAB	EGX
SDF10P50	500	10	40	0.75	1000	175	JAA	JAB	EGX
SDF7P50	500	7	28	1.2	1000	125	JAA	JAB	EGX
SDF4P50	500	4	16	2.5	1000	100	JAA	JAB	EGX
SDF11P40	400	11	44	0.65	1000	175	JAA	JAB	EGX
SDF8P40	400	8	32	1.0	1000	125	JAA	JAB	EGX
SDF5P40	400	5	20	1.7	1000	100	JAA	JAB	EGX
SDF21P20	200	21	84	0.2	1000	175	JAA	JAB	EGX
SDF9240	200	14	56	0.3	1000	125	JAA	JAB	EGX
SDF9236	200	10	40	0.5	1000	100	JAA	JAB	EGX
SDF25P10	100	25	100	0.08	1000	175	JAA	JAB	EGX
SDF9140	100	24	96	0.12	1000	125	JAA	JAB	EGX
SDF9130	100	17	68	0.2	1000	100	JAA	JAB	EGX

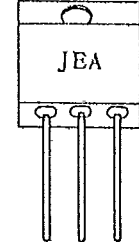
TO-254AA



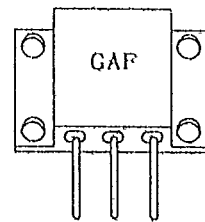
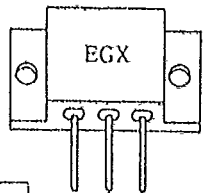
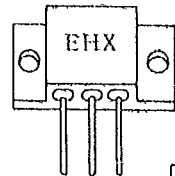
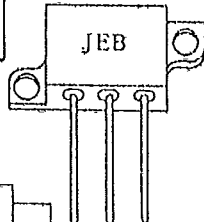
TO-254AB



TO-258AA



TO-258AE



RAD HARD N-CHANNEL POWER MOSFETS

Part * Numbers	V _{DS} Drain Source Voltage (Volts)	R _{DS(on)} On-State Resistance (Ohms)	I _D Continuous Drain Current 25°C Case (Amps)	I _{DM} Pulse Drain Current (Amps)	P _D Max. Power Dissipation (Watts)	Solitron Designator For Case Styles
SDH450	500	0.6	9.0	40	125	JAA, JAB, EGX
SDH254	250	0.20	16.0	60	125	JAA, JAB, EGX
SDH150	100	0.065	23.8	100	125	JAA, JAB, EGX

MOSIGBTs

Part * Number	Collector- Emitter Voltage V _{CE(sat)} (Volts)	Continuous Collector Current I _C @ 25°C I _{C(Cont)} (Amps)	Collector Emitter Sat. Volt. V _{CE(sat)} (Volts)	Current Fall Time t _r (ns)	Power Diss. P _c Max (Watts)	Solitron Designator For Case Styles
SDG75100	1000	75	3.7	900	250	GAF
SDG50100	1000	50	3.5	900	200	GAF
SDG7590	900	75	3.7	900	250	GAF
SDG5090	900	50	3.5	900	200	JEA, JEB
SDG7580	800	75	3.7	800	250	GAF
SDG5080	800	50	3.5	800	200	JEA, JEB
SDG7560	600	75	3.2	800	250	GAF
SDG5060	600	50	3.0	800	200	JEA, JEB
SDG7550	500	75	3.2	800	250	GAF
SDG5050	500	50	3.0	800	200	JEA, JEB

*Add Solitron designator for available case style to basic part number.