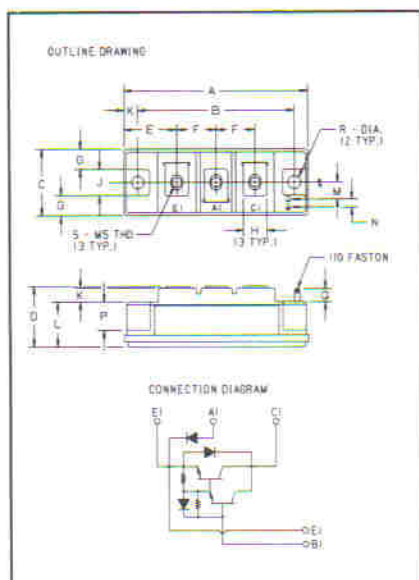


POWEREX

Powerex, Inc., Hillis Street, Youngwood, Pennsylvania 15697 (412) 925-7272

KR224505

Chopper Darlington Transistor Module 50 Amperes/600 Volts



600 Volt KR224505
Outline Drawing



KR224505
Chopper Darlington
Transistor Module
50 Amperes/600 Volts

Description

Powerex Chopper Darlington Transistor Modules are designed for use in switching applications. The modules are isolated, consisting of one Darlington Transistor having a reverse parallel connected and emitter-cathode connected high-speed diode.

Features:

- ☐ Isolated Mounting
- ☐ Planar Chips
- ☐ Discrete Fast Recovery Feed-Back Diode
- ☐ Load Free Wheel Diode
- ☐ Base Emitter Speed Up Diode
- ☐ High Gain (h_{FE})
- ☐ 110 Fast-On Signal Terminals

Applications:

- ☐ Chopper
- ☐ DC Motor Control
- ☐ Buck Regulator

Ordering Information

Example: Select the complete eight digit module part number you desire from the table - i.e. KR224505 is a 450 $V_{CEO(SUS)}$ (600 V_{CEV}), 50 Ampere Chopper Darlington Module.

Dimension	Inches	Millimeters
A	3.701 Max.	94 Max.
B	3.150 $\pm$.01	80 $\pm$ 0.25
C	1.339 Max.	34 Max.
D	1.220 Max.	31 Max.
E	1.063	27
F	.787	20
G	.413	10.5
H	.472	12
J	.512	13
K	.276	7
L	.906	23
M	.344	8.75
N	.157	4
P	.571	14.5
Q	.256 Min.	6.5 Min.
R	.256 Dia.	6.5 Dia.
S	M5 Metric	M5

Type	$V_{CEO(SUS)}$ Volts ($\times 10$)	Current Rating Amperes ($\times 10$)
KR22	45	05