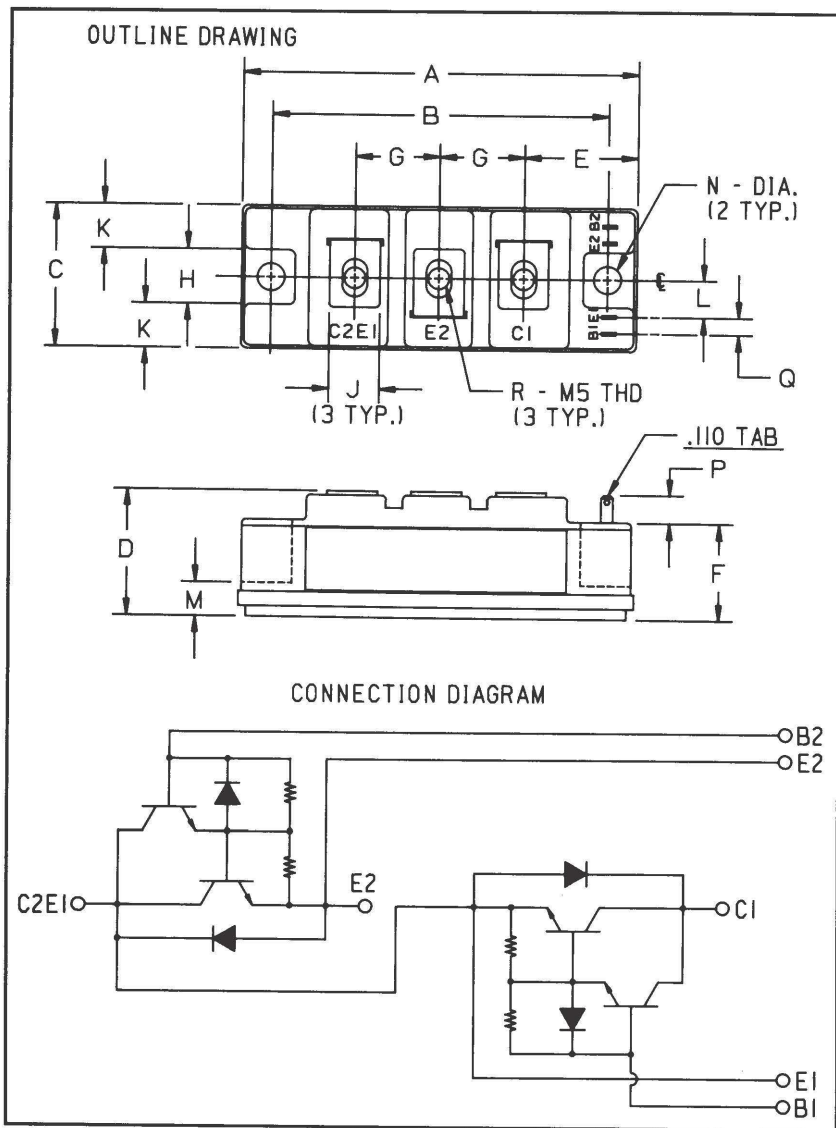


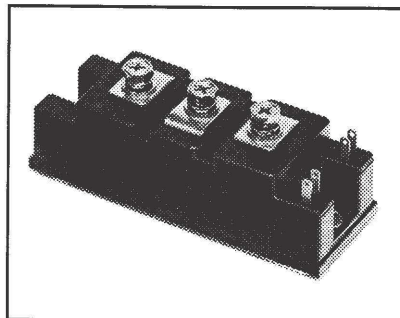
Dual Darlington Transistor Module 75 Amperes/600 Volts



Outline Drawing

Dimensions	Inches	Millimeters
A	3.701 Max.	94 Max.
B	3.150 ± 0.010	80 ± 0.25
C	1.339 Max.	34 Max.
D	1.181 Max.	30 Max.
E	1.063	27
F	0.906	23
G	0.787	20
H	0.512	13

Dimensions	Inches	Millimeters
J	0.472	12
K	0.413	10.5
L	0.344	8.75
M	0.315	8
N	0.256 Dia.	6.5 Dia.
P	0.256 Min.	6.5 Min.
Q	0.157	4
R	M5 Metric	M5



Description:

The Powerex Dual Darlington Transistor Modules are high power devices designed for use in switching applications. The modules are isolated, consisting of two Darlington Transistors with each transistor having a reverse parallel connected high-speed diode.

Features:

- ☐ Isolated Mounting
- ☐ Planar Chips
- ☐ Discrete Fast Recovery Feedback Diode
- ☐ High Gain (h_{FE})
- ☐ Quick Connect Base-Emitter Signal Terminals
- ☐ Base-Emitter Speed-up Diodes

Applications:

- ☐ AC Motor Control
- ☐ DC Motor Control
- ☐ Switching Power Supplies
- ☐ Inverters

Ordering Information:

Example: Select the complete eight digit module part number you desire from the table - i.e. KD224575 is a 450 $V_{CEO(sus)}$ (600 V_{CEV}), 75 Ampere Dual Darlington Module.

Type	$V_{CEO(sus)}$ Volts (X 10)	Current Rating Amperes (75)
KD22	45	75