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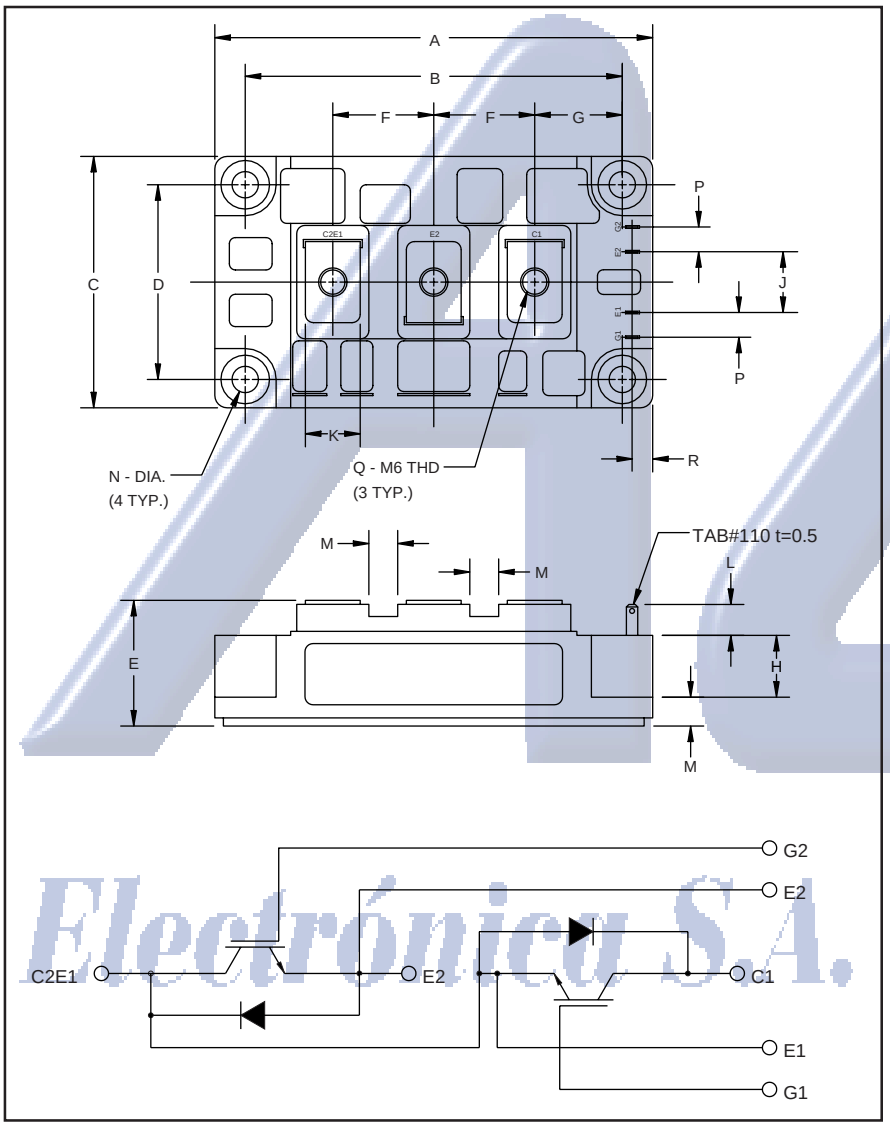
MITSUBISHI IGBT MODULES

CM400DY-12H

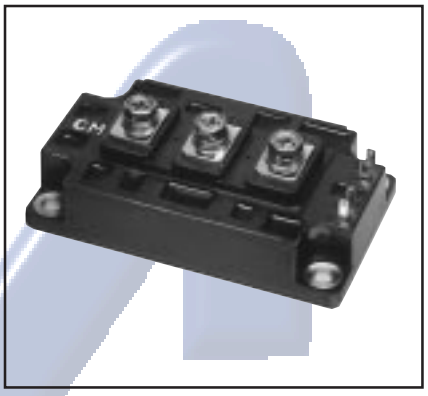
HIGH POWER SWITCHING USE INSULATED TYPE



Outline Drawing and Circuit Diagram

Dimensions	Inches	Millimeters
A	4.25	108.0
B	3.66±0.01	93.0±0.25
C	2.44	62.0
D	1.89±0.01	48.0±0.25
E	1.22 Max.	31.0 Max.
F	0.98	25.0
G	0.85	21.5
H	0.60	15.2

Dimensions	Inches	Millimeters
J	0.59	15.0
K	0.55	14.0
L	0.30	8.5
M	0.28	7.0
N	0.256 Dia.	Dia. 6.5
P	0.24	6.0
Q	M6 Metric	M6
R	0.20	5.0



Description:
Mitsubishi IGBT Modules are designed for use in switching applications. Each module consists of two IGBTs in a half-bridge configuration with each transistor having a reverse-connected super-fast recovery free-wheel diode. All components and interconnects are isolated from the heat sinking baseplate, offering simplified system assembly and thermal management.

Features:
- ☐ Low Drive Power
- ☐ Low $V_{CE(sat)}$
- ☐ Discrete Super-Fast Recovery Free-Wheel Diode
- ☐ High Frequency Operation
- ☐ Isolated Baseplate for Easy Heat Sinking

Applications:
- ☐ AC Motor Control
- ☐ Motion/Servo Control
- ☐ UPS
- ☐ Welding Power Supplies

Ordering Information:
Example: Select the complete part module number you desire from the table below -i.e. CM400DY-12H is a 600V (V_{CES}), 400 Ampere Dual IGBT Module.

Type	Current Rating Amperes	V_{CES} Volts (x 50)
CM	400	12

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