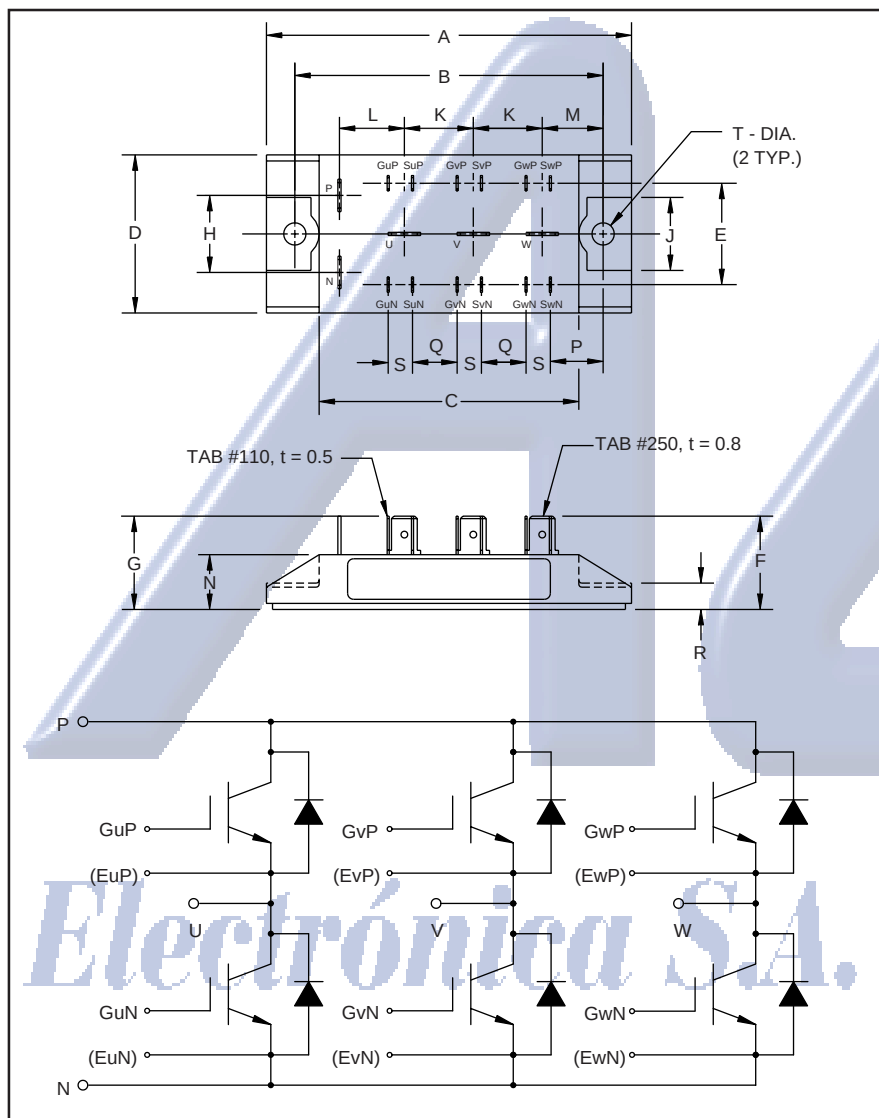


MITSUBISHI IGBT MODULES

CM15TF-12H

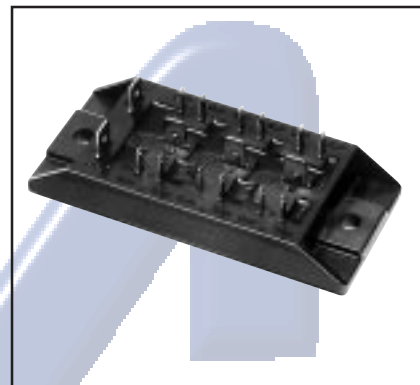
MEDIUM POWER SWITCHING USE
INSULATED TYPE



Outline Drawing and Circuit Diagram

Dimensions	Inches	Millimeters
A	3.54	90.0
B	2.99±0.01	76.0±0.2
C	2.52	64.0
D	1.54	39.0
E	0.98	25.0
F	0.90	23.0
G	0.87	22.0
H	0.75	19.0
J	0.71	18.0

Dimensions	Inches	Millimeters
K	0.67	17.0
L	0.63	16.0
M	0.59	15.0
N	0.56	14.1
P	0.51	13.0
Q	0.43	11.0
R	0.26	6.5
S	0.24	6.0
T	0.22 Dia.	Dia. 5.5



Description:

Mitsubishi IGBT Modules are designed for use in switching applications. Each module consists of six IGBTs in a three phase 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:

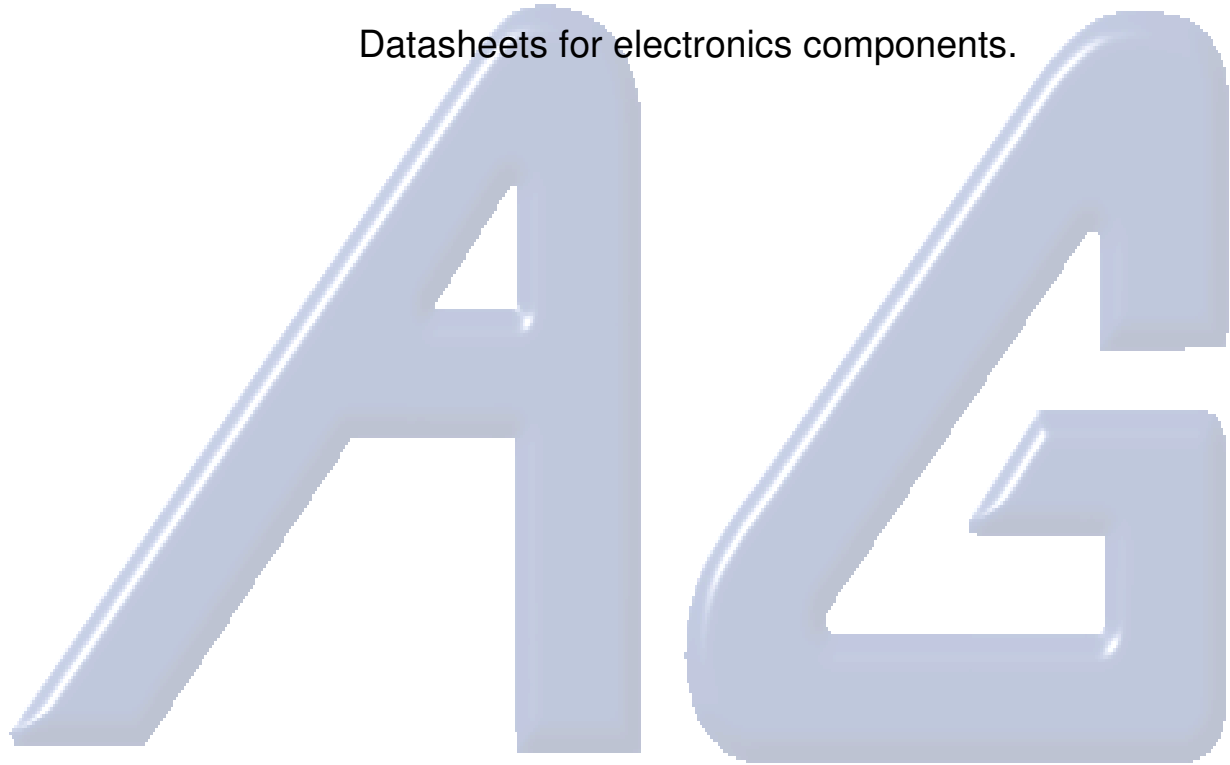
Example: Select the complete part module number you desire from the table below -i.e. CM15TF-12H is a 600V (V_{CES}), 15 Ampere Six-IGBT Module.

Type	Current Rating Amperes	V_{CES} Volts (x 50)
CM	15	12

This datasheet has been download from:

www.datasheetcatalog.com

Datasheets for electronics components.



Electrónica S.A. de C.V.