GE Service Manual

DS200ITXDG1AAA

1. Description

DS200ITXDG1AAA Technical Specifications

2. Specifications

Specification	Value
Part	**Number DS200ITXDG1AAA**
Functional	**Description IGBT Q DB Snubber Card**
Functional	**Acronym ITXD**
Manufacturer	**GE General Electric**
Series	**Mark V**
PCB	**Coating Normal Coating**
Functional	**Revision 1 A**
Mark	**V Series Grouping Group 1**
About	**the DS200ITXDG1AAA**
The	**DS200ITXDG1AAA is a small board that functions as an IGBT Snubber Board. Snubbers are designed as energy absorbing circuits that can suppress voltage spikes that occur when a switch opens. The switch may be electrical or mechanical. This DS200ITXDG1AAA PCB is an auxiliary board that connects to a larger motherboard within its greater Mark V Series automated drive assembly. The DS200ITXDG1A is designed with drill holes at each corner and with small indents along its edges. The board has several heatsinks to allow quick dissipation of built-up heat. It is populated by:**

3. Product Information

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Functional Acronym ITXD

Manufacturer GE General Electric

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several stab-on connectors

ceramic capacitors

diodes

vertical pin header connectors

eight Wima FKP 1 polypropylene capacitors

These capacitors are designed for high pulse duty and are self-healing. They have a very low dissipation factor and a negative capacitance change vs. temperature. These components are placed on the board in two lines of four on opposite sides of the board. For a more detailed look at the DS200ITXDG1A, please refer to technical support products like manuals or datasheets from General Electric.

DS200ITXDG1AAA Part Number Insights

The DS200ITXDG1A functional product number itself can be considered a great source of DS200ITXDG1A board-pertinent hardware information, beginning with the DS200 series tag possessing dual naming capabilities for this DS200ITXDG1A offering. The DS200 series tag at the very beginning of the DS200ITXDG1A functional product number describes this DS200ITXDG1A snubber board's normal Mark V Series assembly and its domestic location of original manufacture. Some of the other relevant hardware details and specifications revealed in functional chunks of this DS200ITXDG1A functional product number include the DS200ITXDG1A IGBT Snubber Board's:

ITXD functional abbreviation

Normal PCB coating style

Group one Mark V Series product grouping

A-rated functional product revision