

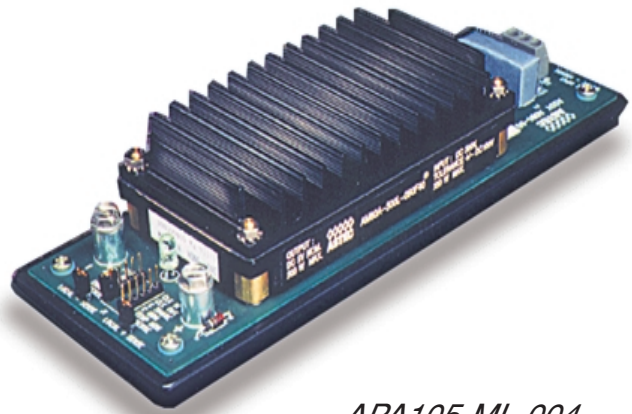


**THE DATASHEET OF
APA105-KJ-004**



AMPSS® DemoBoard

Demo Boards are available to enable users to evaluate AMPSS® modules. Please note when ordering Demo Boards that the modules are not included and should be ordered separately.



APA105-ML-004

ORDERING INFORMATION

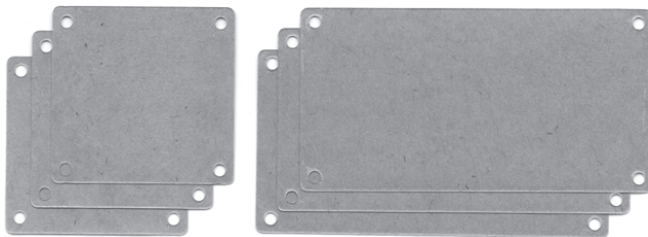
AMPSS Demo Boards

Part Number	Description
APA105-ML-001	For use with AL60A Series 48V input
APA105-ML-002	For use with AL60A Series 300V input
APA105-ML-003	For use with AM80A, BM80A and AL80A Series 24V/48V input
APA105-ML-004	For use with AM80A, BM80A and AL80A Series 300V input
APA105-KJ-001	For use with AK60A & BK60A Series 24V/48V input
APA105-KJ-002	For use with AK60A Series 300V input
APA105-KJ-003	For use with AK80A, Series 24V/48V input
APA105-KJ-004	For use with AK80A, Series 300V input
APA105-KC-001	For use with AK60C, BK60C, AV60C single output, AEH10-30 series, 48V input

Thermal Pads

APA502-60-001

APA502-80-001



THERMSTRATE® thermal pads to fit AMPSS® modules provide a clean and effective alternative to thermal compound for interfacing the heatsink to the module. Thermal resistance is 0.1°C/W.

ORDERING INFORMATION

Description	Part Number	Description	Part Number
Thermal Pad, 80 size	APA502-80-001	Thermal Pad, 60 size	APA502-60-001

Note: These thermal pads do not provide electrical isolation.

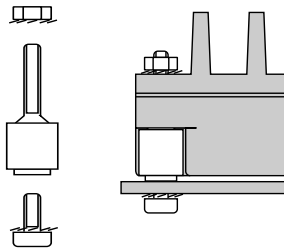
Mounting Kits

Two types of mounting kits are available for assembling the module and heatsink onto a PC board using bolts or solder fixings.

In both cases, specially designed mounting studs simplify installation by allowing the heatsink to be fitted to the module before assembly onto the PC board. They are also designed to provide clearance between module and board to facilitate PCB cleaning operations.

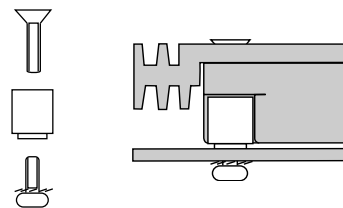
APA503-00-001

Tapped stud kit



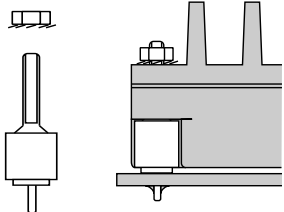
APA503-00-007

Tapped stud kit



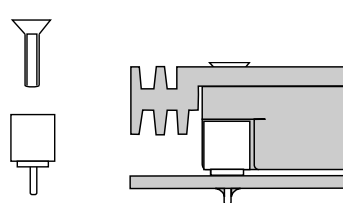
APA503-00-002

Solder stud kit



APA503-00-008

Solder stud kit



ORDERING INFORMATION

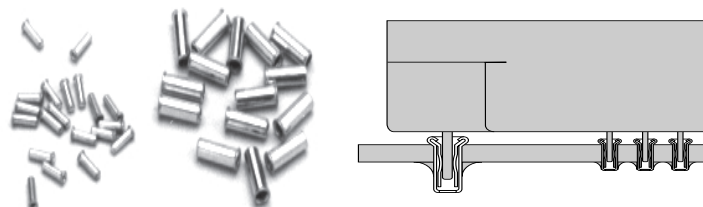
Description	Part Number	Description	Part Number
Mounting Kit, Tapped Studs	APA503-00-001	Mounting Kit (Low Profile), Tapped Studs	APA503-00-007
Mounting Kit, Solder Studs	APA503-00-002	Mounting Kit (Low Profile), Solder Studs	APA503-00-008
Mounting Kit, Solder Studs (for Part # APA100-111/112)	APA503-00-015	Mounting Kit, Tapped Studs (for Part # APA100-111/112)	APA503-00-014

Note: module baseplate and heatsink must be connected to protective earth.

Spring Sockets

Spring sockets are available in kits of 20 control pin sockets and 15 power pin sockets. Power pin sockets are rated at 10A each when used

APA504-00-001



ORDERING INFORMATION

Doc. Description	Part Number
Spring Sockets (20 control, 15 power)	APA504-00-001

THERMSTRATE® is a registered trademark of Power Devices Inc.

Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

- ⊖ [View APA105-KJ-004](#) on WIN SOURCE
- ⊖ [Artesyn Embedded Technologies](#) Information

Optimize Your Supply Chain with WIN SOURCE Solutions

- ✓ Global Sourcing Solution
- ✓ Obsolete Management
- ✓ Cost Control Management
- ✓ Shortage Management
- ✓ Alternative Solution
- ✓ Excess Inventory Management