5466-1035

CPU Module

PUBLISHED IDENTITY

WOODWARD 5466-1035 is a MicroNet CPU5200 module with Usage Plus hardware and Coder revisions 4.06 through 5.04. Woodward now classifies this exact part as non-preferred while continuing spare and repair support.

Technical snapshot

Product family	MicroNet CPU5200
Exact part status	Non-preferred
Supported use	Spares and repairs for existing systems
Processor	PowerPC 5200, 400 MHz
Flash memory	64 MB
RAM	128 MB
Communication	Dual CAN
Hardware designation	Usage Plus

Verified related ApterPower product pages

WOODWARD 5466-031

WOODWARD 5466-348

Engineering data

Official evidence organized for exact-model review

Product family	MicroNet CPU5200
Exact part status	Non-preferred
Supported use	Spares and repairs for existing systems
Processor	PowerPC 5200, 400 MHz
Flash memory	64 MB
RAM	128 MB
Communication	Dual CAN

Hardware designation	Usage Plus
Coder versions	4.06–5.04
Return part	5466-1036
Revision H and later	Polyacrylate conformal coating
Revision G	Silicone conformal coating; not convertible to polyacrylate
Lifecycle note	Non-preferred since 2015; planned inactive in 2028

EVIDENCE BOUNDARY

Confirm the complete 5466-1035 part number, hardware revision, Coder version and installed MicroNet configuration before replacement.

Applications and system role

Four distinct documented operating contexts

EXISTING MICRONET CONTROLS

Replacement processing hardware for documented MicroNet installations using the approved CPU5200 configuration.

TURBINE CONTROL SERVICE

Supported spare or repair work where the rack, application and communication design already specify 5466-1035.

REVISION-CONTROLLED MAINTENANCE

Sites that must preserve the installed hardware revision, Coder range and coating construction.

CORROSIVE-ENVIRONMENT PROGRAMS

Revision H and later units provide polyacrylate coating on covered areas for moderate corrosive exposure.

Integration control

Woodward identifies 5466-1035 as a non-preferred CPU5200 module intended for supported spares and repairs rather than new-system design. Revision H and later use a polyacrylate conformal coating, while revision G uses silicone coating and cannot be converted to the newer coating. Commissioning must retain the approved MicroNet application, rack assignment and network configuration.

Verified related ApterPower product pages

WOODWARD 5466-353

WOODWARD 5466-354

Technical questions

Complete model-specific answers from the approved evidence set

What is the WOODWARD 5466-1035?

The WOODWARD 5466-1035 is a MicroNet CPU5200 module identified with Usage Plus hardware and Coder versions 4.06 through 5.04.

Which processor and memory resources does 5466-1035 use?

The 5466-1035 uses a 400 MHz PowerPC 5200 processor with 64 MB of flash memory and 128 MB of RAM.

Does the MicroNet 5466-1035 support CAN communication?

The MicroNet 5466-1035 provides dual CAN communication capability.

How does Woodward classify part 5466-1035 today?

Woodward classifies part 5466-1035 as non-preferred, meaning it is supported for existing-system spares and repairs but is not recommended for new systems.

What coating is used on revision H and later 5466-1035 modules?

Revision H and later 5466-1035 modules use a polyacrylate conformal coating on covered areas.

Can a revision G 5466-1035 be converted to polyacrylate coating?

Woodward states that a revision G 5466-1035 with silicone coating cannot be converted to the polyacrylate construction.

Which return part is associated with 5466-1035?

Woodward lists 5466-1036 as the return part associated with 5466-1035.

What must be verified before replacing 5466-1035?

The technician must verify the exact part number, revision, Coder version, rack position, application and communication configuration before replacing 5466-1035.

Product precautions

Eight aligned controls before return to service

1. Record the complete 5466-1035 marking, revision and Coder version before work.
2. Place the MicroNet control and affected process in the approved safe maintenance state.
3. Back up the installed application and record rack, network and CAN assignments.
4. Verify that the replacement revision and conformal-coating construction are approved.
5. Inspect connectors and uncoated jumpers because conformal coating does not protect them.
6. Install the module only in the documented slot with the approved power removed.
7. Restore the application and confirm communication, diagnostics and commanded states.
8. Document the final revision, configuration and functional acceptance results before release.

Verified related ApterPower product pages

- WOODWARD 5501-467
- WOODWARD 5501-470
- WOODWARD 8200-203
- WOODWARD 8200-226

Evidence and support

Manufacturer references, related products and direct contact

Manufacturer evidence used

- Woodward Product Change Notification 06960, revision C.
- Woodward Application Note 51530, revision A.

Verified related ApterPower product pages

WOODWARD 8280-192

WOODWARD 8280-4001

WOODWARD 8406-113

WOODWARD 8440-1934

Talk to Apter Power

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