

Eco-products (environment-friendly products)

We are developing products by implementing our Assessment of Environment-Friendly Design based on the concept of minimizing the environmental loads at each stage of the product lifecycle.

Environment-Friendly Products in FY 2005



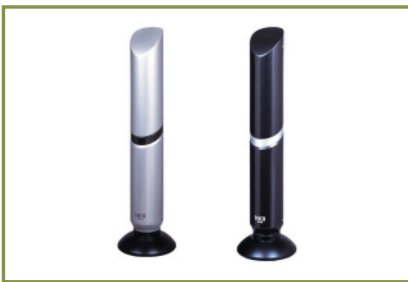
- Ready for RoHS directives:
Built-in Type W-CDMA Communication Module
- ① Environmental feature:
compatible with RoHS directives
(elimination of 6 substances)
- ② Volume: reduction by 59%
- ③ Weight: reduction by 50%



- Lead-free solder connection:
In-Vehicle Digital Wireless System
for Emergency Use
- ① Environmental feature: lead-free solder connection
- ② Assembly time: reduction by 26%
- ③ Weight: reduction by 9%
- ④ Power consumption: reduction by 69%



- Ready for RoHS directives:
Compact HDTV Camera
- ① Environmental feature: compatible with RoHS
directives (elimination of 6 substances)
- ② Volume: reduction by 30%
- ③ Weight: reduction by 20%
- ④ Power consumption: reduction by 25%



- Downsizing:
UHF Antenna for Digital Terrestrial Broadcasting
- ① Volume: reduction by 62%
- ② Resource recycling:
recyclability rate increase by 44%



- Energy conservation:
Energy-Saving Power Supply, "VieZA"
- ① High power factor: average power factor 0.99 or higher
[increase by approx. 60% or higher]
- ② Compliance with the Harmonic Suppression Guidelines of
FY 1994 provided by the Agency for Natural Resources and Energy

Eliminating Products Containing Asbestos

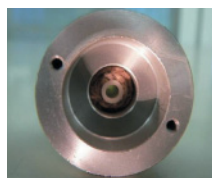
We eliminated materials containing asbestos that were used in our products by completely replacing them with alternative materials by December 2005. Our products containing asbestos deemed to have little possibility of dispersing the asbestos when used or regularly maintained because those materials were used in the form of solid or sealed materials,

even before replacement with the alternative materials. We contacted our customers via our sales departments, informed them of cautions necessary for handling, maintenance, and disposal of our products containing asbestos, asked for their consideration to replace them with alternative products, and obtained their understanding.

■ When the asbestos-containing materials (non-dispersal type) used in our products were eliminated

When	Shipped in October 2004 or before	September 2005	November 2005	December 2005	
Product	Vertical diffusion/CVD system	Surveillance camera	Vertical diffusion/CVD system	Surveillance camera	Broadcasting camera
Object material	L-shaped cascade thermocouple Thermocouple for heater control Thermocouple for overheat prevention Needle valve/globe valve/joint	Heat-insulating board (for camera case in furnace)	Valve heat insulating material (joint sheet)	Heat-insulating board (for outdoor camera case)	Friction plate (outdoor hood for view finder)

■ Sample of asbestos-containing material



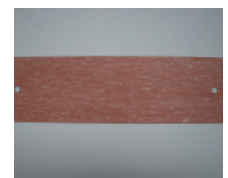
Thermocouple for heater control



Thermocouple for overheat prevention



Valve heat insulating material (joint sheet)



Heat-insulating board