

“Soft-PGS (Compressible Type)” PGS with low thermal resistance

Handling Precautions

⚠ Safety Precautions

- When using our products, no matter what sort of equipment they might be used for, be sure to make a written agreement on the specifications with us in advance. The design and specifications in this catalog are subject to change without prior notice.
- Do not use the products beyond the specifications described in this catalog.
- This catalog explains the quality and performance of the products as individual components. Before use, check and evaluate their operations when installed in your products.
- Install the following systems for a failsafe design to ensure safety if these products are to be used in equipment where a defect in these products may cause the loss of human life or other significant damage, such as damage to vehicles (automobile, train, vessel), traffic lights, medical equipment, aerospace equipment, electric heating appliances, combustion/gas equipment, rotating equipment, and disaster/crime prevention equipment.
- * Systems equipped with a protection circuit and a protection device
- * Systems equipped with a redundant circuit or other system to prevent an unsafe status in the event of a single fault

Soft-PGS (Compressible Type) may result in accidents or trouble when subjected to severe conditions of electrical, environmental and /or mechanical stress beyond the specified “Rating” and specified “Conditions” found in the Specifications. Please follow the recommendations in “Safety Precautions” and “Application Notes”. Contact our engineering staff or the factory with any questions.

1. ⚠ Safety Precautions

- 1.1 The Soft-PGS (Compressible Type) shall be used within the specified operating temperature range.
- 1.2 The Soft-PGS (Compressible Type) is soft and liable to be scratched, do not rub or touch it with rough materials to avoid scratching it.
- 1.3 Lines or folds in the Soft-PGS (Compressible Type) may affect thermal conductivity.
- 1.4 The Soft-PGS (Compressible Type) shall not be used with acid.
The Soft-PGS (Compressible Type) shall not be used in contact with a soldering iron at 400 °C or more.
- 1.5 The Soft-PGS (Compressible Type) shall not be exposed to salt water or direct sunlight during use. The Soft-PGS (Compressible Type) shall not be used in corrosive gases (hydrogen sulfide, sulfurous acid, chlorine, ammonia etc.).
- 1.6 Our Soft-PGS (Compressible Type) has been developed for general industry applications. Prior to using the Soft-PGS (Compressible Type) for special applications such as medical, work please contact our engineering staff or the factory.
- 1.7 Never touch a Soft-PGS (Compressible Type) during use because it may be extremely hot.

2. Application notes

- 2.1 Do not use items with sharp edges as they might tear or puncture the Soft-PGS (Compressible Type).
- 2.2 Force applied in peeling direction can cause delamination of the Soft-PGS (Compressible Type), so give a careful consideration when designing a product.
- 2.3 The Soft-PGS (Compressible Type) does not work properly if overheated.
- 2.4 Thermal resistance and thermal conductivity is dependant on the way it is used.
Test the adaptability of Soft-PGS (Compressible Type) to your application before use.
- 2.5 The Soft-PGS (Compressible Type) has conductivity. Use the product at a position/place where you do not need any insulation.
- 2.6 Long term storage
 - The Soft-PGS (Compressible Type) shall not be stored under severe conditions of salt water, direct sunlight or corrosive gases (hydrogen sulfide sulfurous acid, chlorine, ammonia etc.).
 - The Soft-PGS (Compressible Type) shall not be stored near acid.

<Package markings>

Package markings include the product number, quantity, and country of origin. In principle, the country of origin should be indicated in English.