



# CONNECTORS MIL-STANDARD & SPECIAL APPLICATIONS



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**Note: Please scroll down for more information & products (this pdf file contains THREE pages).**

Seoul International Co. distributes complete range of MIL-STD connectors, Audio connectors and other special purpose connectors; applies widely in aviation, space and military systems. Our line of connectors includes miniature high density circular connectors, RF and coaxial connectors; other solutions for fire proofing and hermetic sealed applications. SIC, supplies all types of circular, RF & Coaxial connectors for both cable and board sides and more. The company has a special expertise in customized Coaxial and RF Connectors design with short time delivery.

## Extensive Range of Connectors for Military Applications Process Control, Telecom and Hi-Tech Industries.

SIC offers complete range of circular connectors; [MIL-DTL-5015](#), [MIL-DTL-26482 I](#), [MIL-DTL-26482 II](#), [MIL-DTL-38999](#), [VG95234](#), [VG96929](#), [MIL-C-22992 Class L, C & R](#), Style connectors; [AUDIO CONNECTORS](#), [AP-107BR](#) [AJ-107BR](#) Connectors; [GASS SEALING CONNECTORS](#), [HIGH VOLTAGE CONNECTORS](#), applies widely in the aviation, space and military systems. Our line of connectors also includes miniature high density [RF & COAXIAL CONNECTORS](#) i.e. [SMA Series](#), [3.5/2.92 Series](#), [N, TNC, SMB, SSMA, MCX Series](#), and other [TERMINATION](#) connectors.

Other range of connectors and interconnect components including general purpose & special application connectors but conforming to Mil-Spec; often used for Military equipment, these are [Contacts](#), [Lugs](#), [Test Pins](#), [Pins/inserts](#), [A/V Connectors](#), [D-Subminiature](#), [I/O Connectors](#), [Sockets](#), [Special, Electrical, Industrial & Process Control Connectors](#), [Adapters](#), [Modular Connectors](#), [PC Board Connectors](#), [Other Plugs & Sockets](#), [Power Connectors](#), [Terminals & Terminal Blocks](#), [Fiber Optic Connectors & Patch Panels](#) etc ..

Our general purpose connectors can cater for any requirement. We supply complete range of audio and video, circular, RF and D-Subminiature connectors plus [interface](#), [jumpers](#) and [shunts](#) with all related accessories.

SIC stocks a wide range of [crimp terminals](#) including [ring](#), [spade and splice terminals](#), all available as insulated (red, blue, yellow) or non-insulated. Also available are [quick connect and quick disconnect](#). To complement the range we offer a comprehensive selection of crimp tools.

SIC offers a wide range of [electrical power connectors](#) such as industrial IEC. Also included in the range are leads and [mains plugs](#), [power strips](#), [extension reels](#) and [photovoltaic solar connectors](#).

We offer [terminal blocks](#) and [DIN rail terminals](#) to cover a wide range of applications including machinery, automotive industry, railway and process engineering. The range includes screw, clamp, push-in and crimp terminals.

\*Special requirement subject to negotiations (Technical specifications Data Sheet available on request)



### MIL-DTL-5015 Style Connectors.

These connectors were originally designed to be used for military equipment, but are currently used in various industrial fields. Especially, these are used in various medical equipment, electric cars, industrial machine tools, robots, etc., industrial products requiring high reliability, at a low cost. The connector is joined in a screw type, and its wires and contacts are connected in a soldering type. The class "A" and "B" types are non-waterproof products, the class "E", "F" and "R" types have waterproof wire parts on the rear side of the connector including insulator packing, and the class "F" and "R" types of the 3106/3108 plug connector are waterproof on the front of the connector including O-rings. The dimensions related to mutually joining these connectors and the contact arrangement coincide with the MIL-DTL-5015 standard.

\*Special requirement subject to negotiations (Technical specifications Data Sheet available on request)



### MIL-DTL-26482 (I) Style Connectors.

These connectors were originally designed to be used for military equipment, but currently used in various industrial fields. Especially, this is used in various medical equipment, electric cars, industrial machine tools, robots, etc., industrial products requiring high reliability, at a low cost. The connector is joined in a screw type, and its wires and contacts are connected in a soldering type. The class "A" and "B" types are non-waterproof products, the class "E", "F" and "R" types have waterproof wire parts on the rear side of the connector including insulator packing, and the class "F" and "R" types of the 3106/3108 plug connector are waterproof on the front of the connector including O-rings. The dimensions related to mutually joining these connectors and the contact arrangement coincide with the MIL-DTL-5015 standard.

\*Special requirement subject to negotiations (Technical specifications Data Sheet available on request)





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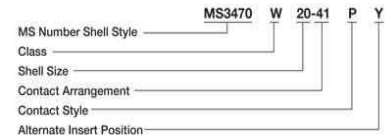
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## MIL-DTL-26482 (II) Style Connectors.

These connectors of MIL-DTL-26482 Series II Style are connectors developed by our accumulated technology. This is of a bayonet coupling type with excellent electrical, mechanical and environmental properties, being widely used in aircraft equipment, high-tech communication equipment, etc. requiring high reliability. Especially, this has excellent EMI screening performing to perfectly intercept electromagnetic wave interruption, thus establishes an exact signal line without external interference. This also enables wiring with a simple crimp tool during cable work, preventing inferiority during soldering, and shortening work time.

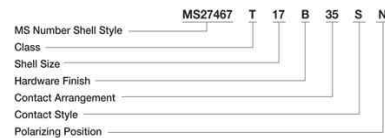
\*Special requirement subject to negotiations (Technical specifications Data Sheet available on request)



## MIL-DTL-38999 Style Connectors.

The MIL-DTL-38999 series style connector has each property in 3 divisions. This is a connector mainly used in aerospace equipment, special communication equipment, etc. requiring electrical, mechanical and environmental properties of high reliability. Our SUPPLIER exclusively produces it in Korea by making technical tie-up with THE AERO-ELECTRIC CONNECTOR COMPANY INC., a connector maker in United States, based on their accumulated technology, and supplies cheap and high-quality connectors to the Korean and overseas markets having been dependent on import only so far.

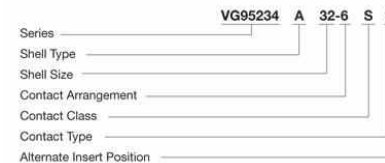
\*Special requirement subject to negotiations (Technical specifications Data Sheet available on request)



## VG95238 Style Connectors.

This is a VG Bayonet series connector confirming to VG95234 standard. This connector was fabricated to facilitate joining/separation by improving a screw joining type of MIL-DTL-5015 in a bayonet type. This was designed to be suitable for use at a place aiming at protection from fluid invention due to vibrations, and to facilitate joining/separation. This is used for equipment, such as aircraft, military vehicles, tanks, ships, etc., information communication equipment, etc.

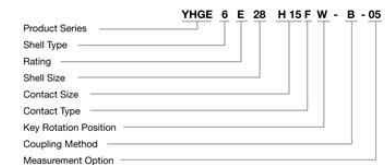
\*Special requirement subject to negotiations (Technical specifications Data Sheet available on request)



## VG96929 Style Connectors.

This is a VG Bayonet series connector confirming to VG96929 standard. This connector was originally designed to be used in military equipment, but is currently used in many industrial fields. This connector was designed to send high current at low voltage, meeting the joining dimensions, mechanical features, and requirements to install a panel on the back of VG95234.

\*Special requirement subject to negotiations (Technical specifications Data Sheet available on request)



## Audio Connectors (5, 6, 7, 10 Contacts) Audio filtered Connectors per MIL-C-55116 and MIL-C-55181 Style MW Connectors .

Audio Connectors are commonly used in communication equipment requiring high reliability in a serious environment. The connector of 5 pin standard is the newest version meeting all the requirements of MIL-C-55116, and the connectors of 6 pin standard and the connectors of lightweight version meet all the performance requirements of MIL-C-55226. They can be fast joined in twist-lock motion, with a spring attached to the contact, providing electrical joining more surely along with minimum voltage loss rate.

\*Special requirement subject to negotiations (Technical specifications Data Sheet available on request)

We also stock AP-107BR & AJ-107BR Water Proof Breakaway Plugs & Jacks





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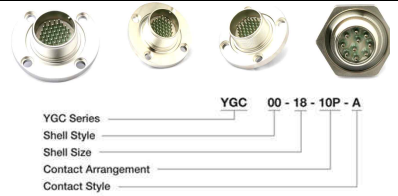
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## Gas Sealing Connectors.

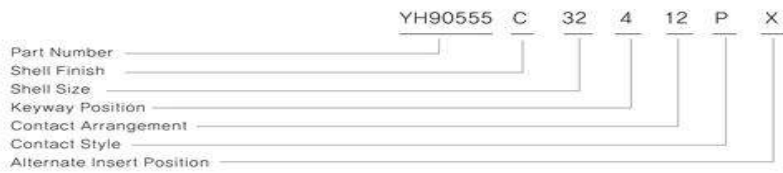
This is a product suitable for use with a view to preventing leakage of SF6 gas or helium gas, etc. and connecting signals and power. Application: Gas switch (Receptacle type, equipment-attached type)

\*Special requirement subject to negotiations (Technical specifications Data Sheet available on request)



## MIL-C-22992 Class "L" Style Connectors.

A connector used for special purposes of military or industrial uses, being mainly used in a power distribution system for various heavy equipment such as battle vehicles, military vehicles, etc.

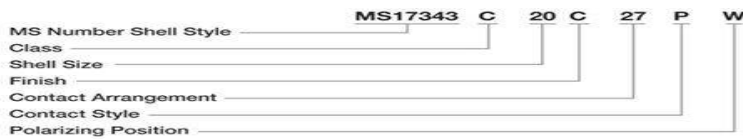


\*Special requirement subject to negotiations (Technical specifications Data Sheet available on request)



## MIL-C-22992 Class "C" and "R" Style Connectors.

A connector used for special purposes of military or industrial uses, being mainly used in a power distribution system for various heavy equipment such as battle vehicles, military vehicles, etc.

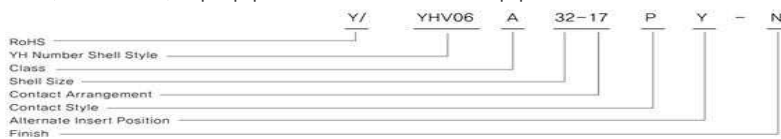


\*Special requirement subject to negotiations (Technical specifications Data Sheet available on request)



## High Voltage Connectors.

This connector complies with the VG95234 standard, being the same series as bayonet. This connector is a model of improving the MIL-DTL-5015 product from an existing screw type of joining method to a bayonet type of joining method. Especially, this product was devised to protect the flow of gases due to vibrations, facilitating joining/separation. This product is mainly used in defense vehicles, electric cars, ship equipment and communication equipment.



\*Special requirement subject to negotiations (Technical specifications Data Sheet available on request)



## EV Connectors.

The EV connector was developed for high voltage and currents, being suitable for use in an item requiring waterproofing and EMI screening, and being applicable to the inverters of hybrid vehicles, motors and battery vehicles.

\*Special requirement subject to negotiations (Technical specifications Data Sheet available on request)

