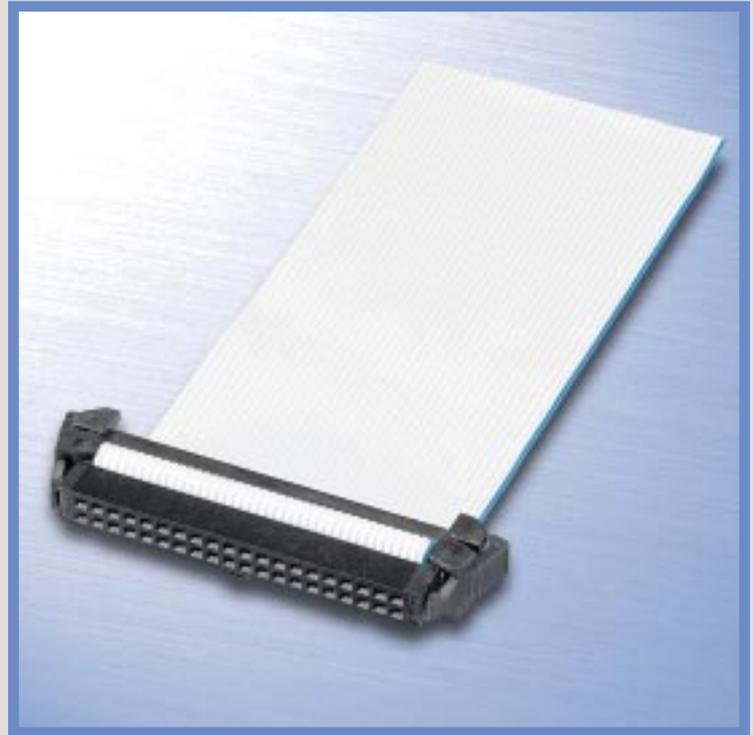
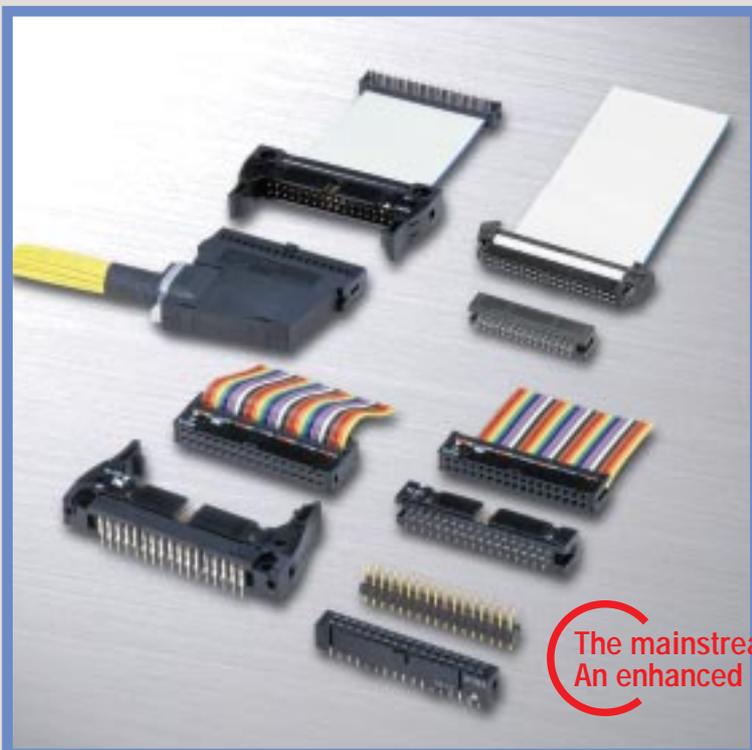


MIL-TYPE CONNECTORS WITH SOCKET LOCK XG4M-U

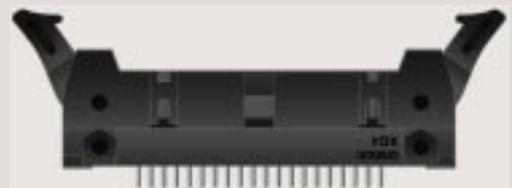


Can be connected and disconnected with one hand

Width Reduced by 24%*. Socket Lock Mechanism That Allows Connection and Disconnected Even In Confined Locations



Designed for Designing Space-saving Devices



← 24%* reduction →



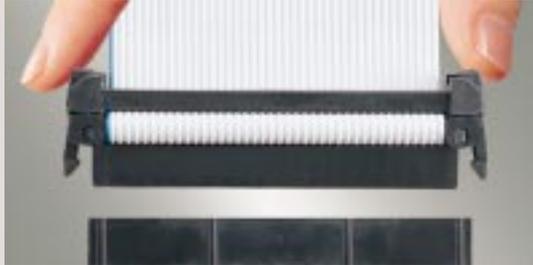
* Compared with 40 in-house models when unlocked

The mainstream of circuit board connectors.
An enhanced series of MIL standard-compliant connectors

Easier Circuit Board Wiring Connections

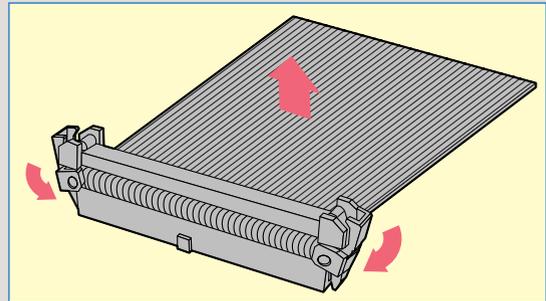
Can Be Connected and Disconnected With One Hand

A new function that integrates a lock lever into the socket enables the connector to be connected and disconnected with one hand even in confined or difficult-to-operate spaces. These connectors are easier to handle than conventional MIL flat cable connectors. This alleviates the worker load, in particular, when many connectors must be connected and disconnected.



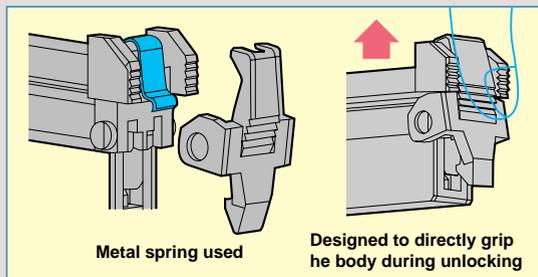
Same Locking Strength as Conventional Models

The connector uses a new lock mechanism that grips the cable inwards when it is tugged. A locking strength of 15 kgf or more (performance value) is assured, achieving high contact reliability.



Improved Lock Lever Operation

A metal spring is used for the lock lever to improve lock lever operability. The lock lever is designed to directly grip the socket body during unlocking. So, now the connector can be easily connected and disconnected by a single-action operation.



● New cable flex-resistant lock mechanism



Details of Combinations

- ① Socket lock type combination XG4C + XG4M + XG4U
- ② Lever lock type (conventional model) combination XG4A + XG4M + XG4T
- ③ Simple lock type XG4C + XG4M + XG4Z

Suitable for Configuring Compact, Space-saving Devices

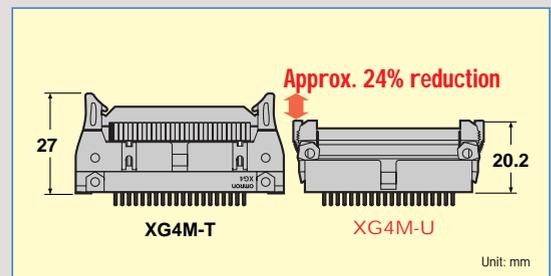
Board Occupied Space Reduced by a Maximum of About 24%

Board occupied space is reduced by about 24% compared with lever lock types (in-house comparison) when unlocked and by about 17% when locked. This also allows circuit boards to be made more compact.



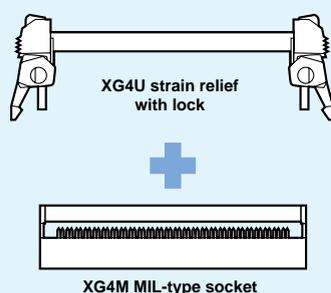
Mounting Height Reduced by About 24%

The mounting height is reduced by about 24% compared with lever lock types (in-house comparison), which helps make devices thinner.



Structure

The conventional strain relief section is provided with a lock.

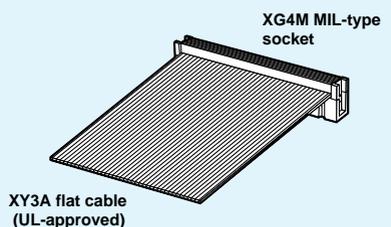


Assembly Procedure

Attach the strain relief with lock to the MIL-type socket after fitting the cable, and fit the socket into the box type plug.

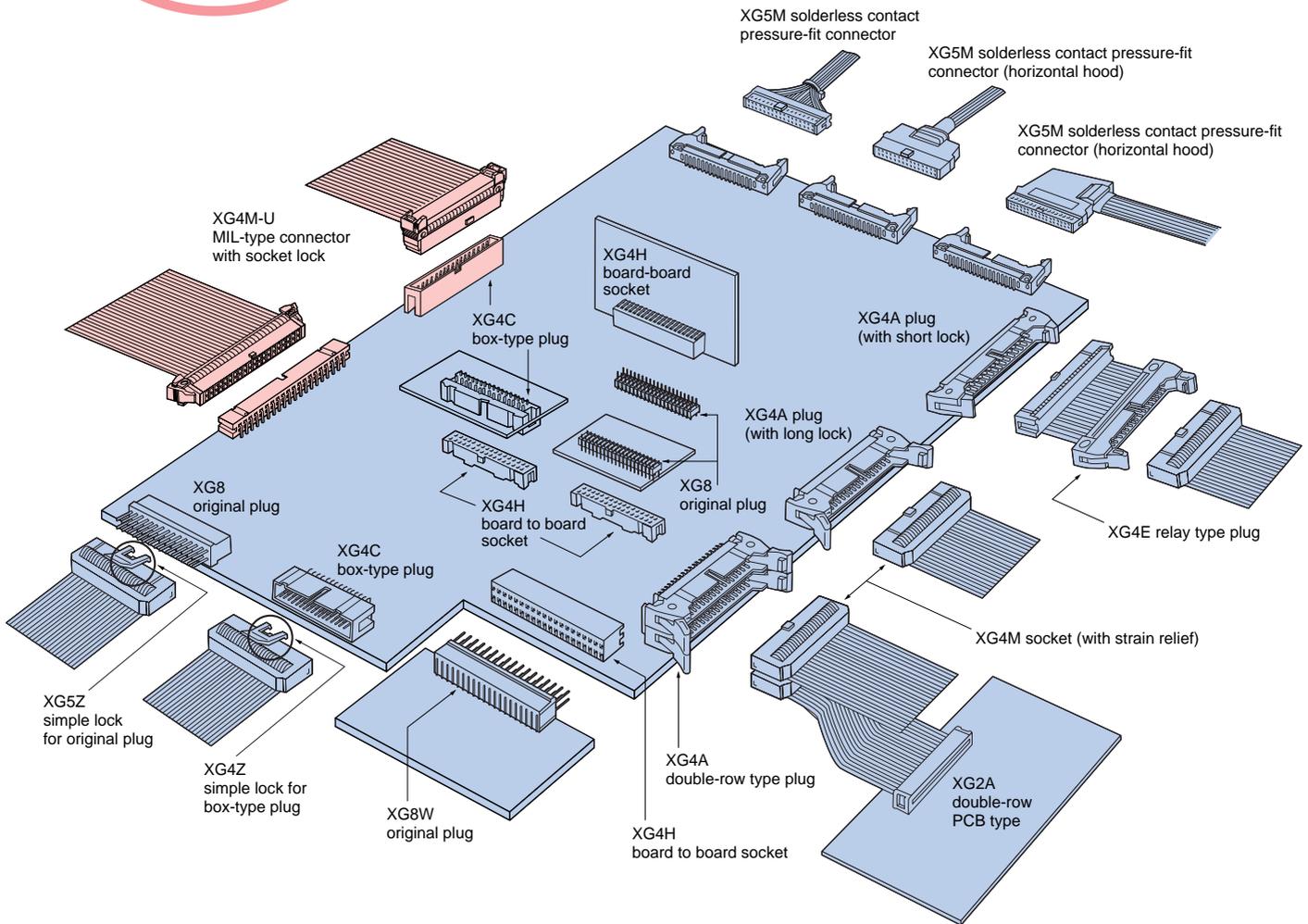
① Pressure-fitting

Pressure-fit the XY3A flat cable into the XG4M MIL-type socket



- Little space makes it difficult to connect or disconnect.
- Frequent connection and disconnections hurt my hands.
- Easily comes unlocked.

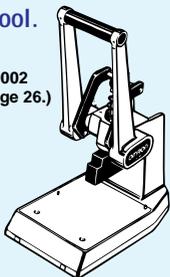
Responding to A Wide Range of Needs



An Enhanced Series of MIL Standard-Compliant Connectors That Responds to a Wide Range of Needs

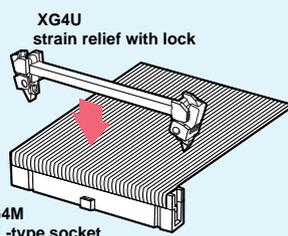
Wiring is possible using the existing MIL flat cable connector crimping tool.

XY28-0002
(See page 26.)



② Attachment

Attach the XG4U strain relief with lock.



③ Fitting

Fit into the XG4C box-type plug.

