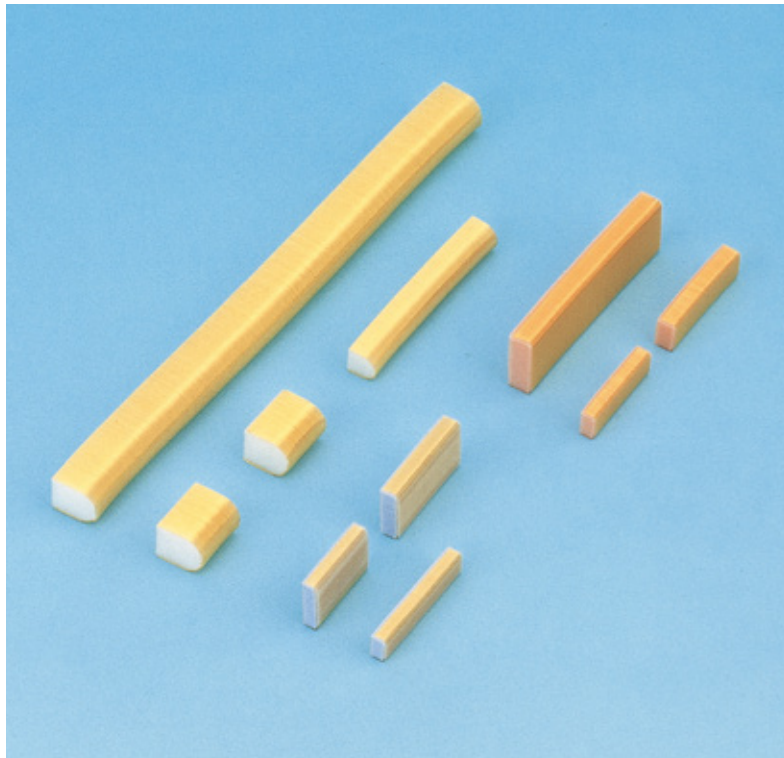


Shin-Etsu Inter-Connector®

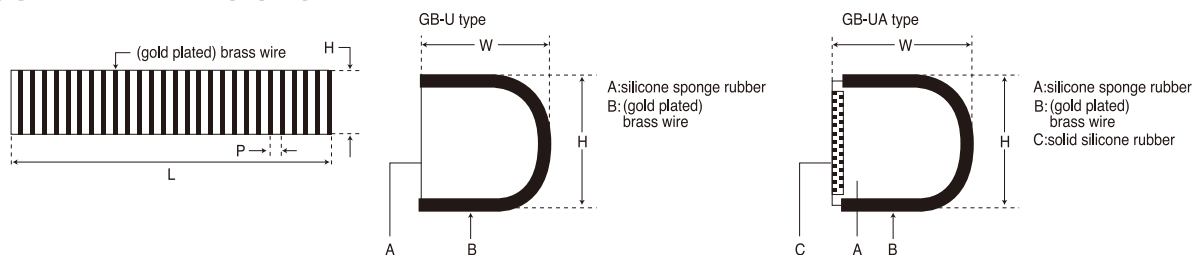
GB-U TYPE



FEATURES

GB-U type Inter Connector is a compression type, which is made up of gold-plated filaments embedded densely in U-shaped sponge silicone rubber. Since the supportive material is made of sponge, connection with fewer loads is possible. GB-U type is highly suitable for connecting between LCD and PCB seen in COG method, or PCBs with high current carrying capacity.

OUTLINE DIMENSIONS



DIMENSIONS AND TOLERANCES

Item	Unit	GB-U type		GB-UA type	
		mm	mm	mm	mm
Pitch	P	0.05+0.03/-0.01	0.1±0.05	0.05+0.03/-0.01	0.1±0.05
Length	L	mm	3.0~ 20.0±0.4	3.0~ 20.0±0.4	3.0~ 20.0±0.4
			20.1~ 40.0±0.6	20.1~ 40.0±0.6	20.1~ 40.0±0.6
			40.1~ 50.0±0.8	40.1~ 50.0±0.8	40.1~ 50.0±0.8
			50.1~ 60.0±1.0	50.1~ 60.0±1.0	50.1~ 60.0±1.0
			60.1~ 100.0±1.2	60.1~ 100.0±1.2	60.1~ 100.0±1.2
Height*	H	mm	1.6~ 7.0±0.2	2.8~ 7.0±0.2	2.8~ 7.0±0.2
			7.1~ 10.0±0.25		
Width	W	mm	1.5~ 4.8±0.2	1.5~ 3.0±0.2	
Filament diameter		µm	30	40	30 40

*1<H/W≤4

*GB-UB for high handling performance also available

*special orders available on request. standard tools available.
Please ask us for details.

Shin-Etsu Inter-Connector has been registered in European Community, TM No. 000299016, and in the United States of America, TM No. 2078941.

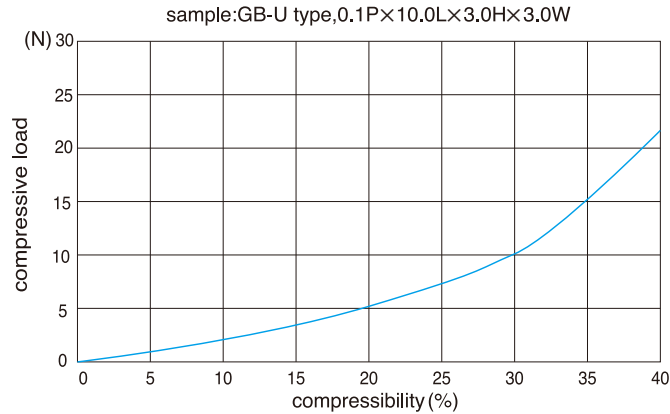
BASIC PROPERTIES

Item	Units	VALUES
Contact resistance *	Ω	≤ 0.1
Current carrying capacity per filament	mA	500
Insulation resistance (500V DC)	M Ω	$1 \times 10^3 \leq$
Operating temperature range	$^{\circ}\text{C}$	-25 ~ 85

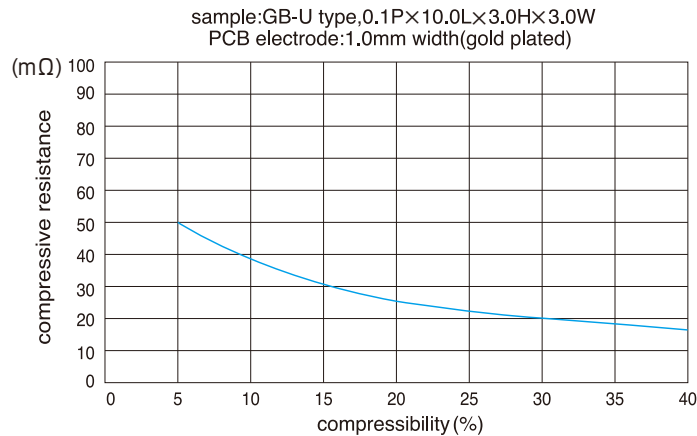
*The test is carried out with Shin-Etsu's own method.

* PCB electrode width:1.0mm gold plated

COMPRESSION LOAD CHARACTERISTICS



CONDUCTIVE RESISTANCE CHARACTERISTICS



Note) Every item or numerical value indicated herein is measured by Shin-Etsu and out of guarantee.
The quality of the connector, which has been already assembled, is out of guarantee.
Please make sure to see about the purpose/conditions of use and practice your own test.
Industrial ownership like patent doesn't guarantee the usage of the connector

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