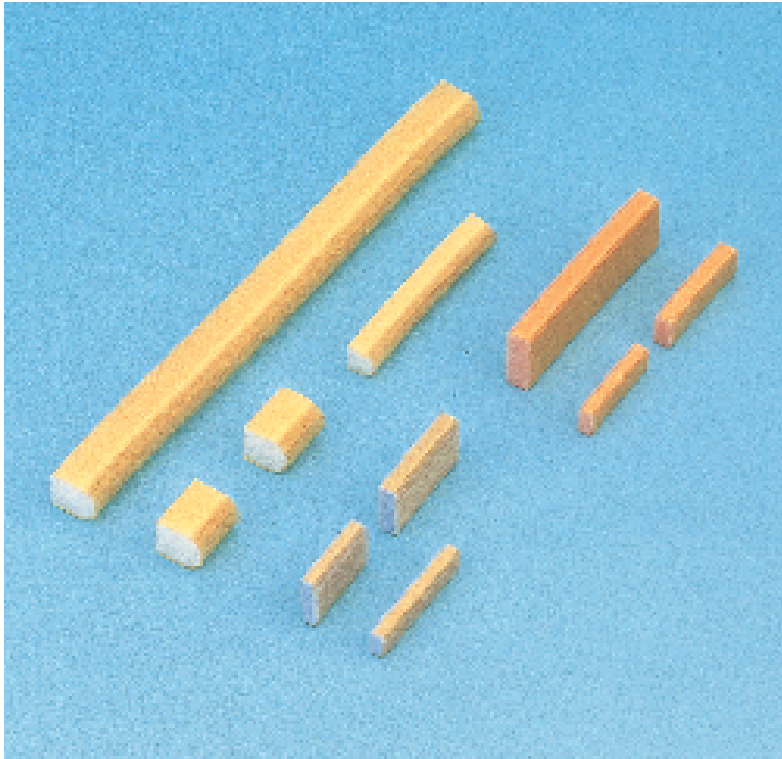


Shin-Etsu Inter-Connector®

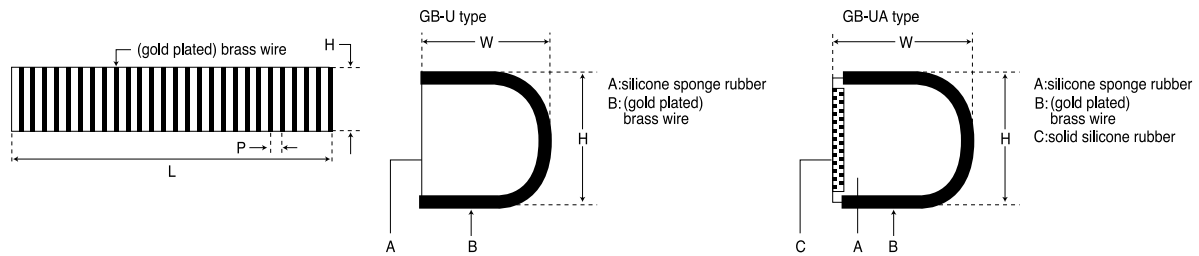
GB-U TYPE



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	
Pitch	P	mm	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	
			20.1~ 40.0±0.6		20.1~ 40.0±0.6	
			40.1~ 50.0±0.8		40.1~ 50.0±0.8	
			50.1~ 60.0±1.0		50.1~ 60.0±1.0	
			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	
			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

* $1 < H/W \leq 4$

*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.

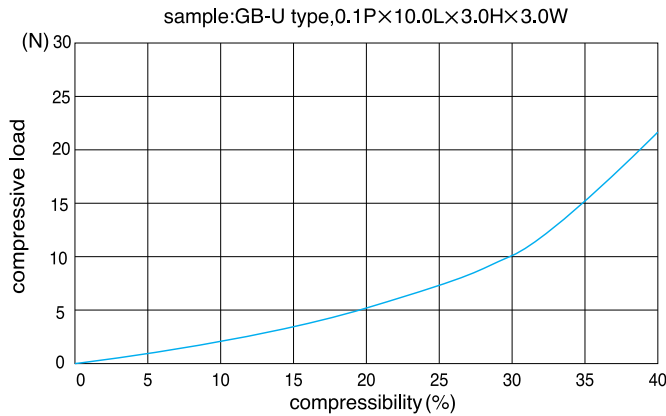
BASIC PROPERTIES

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

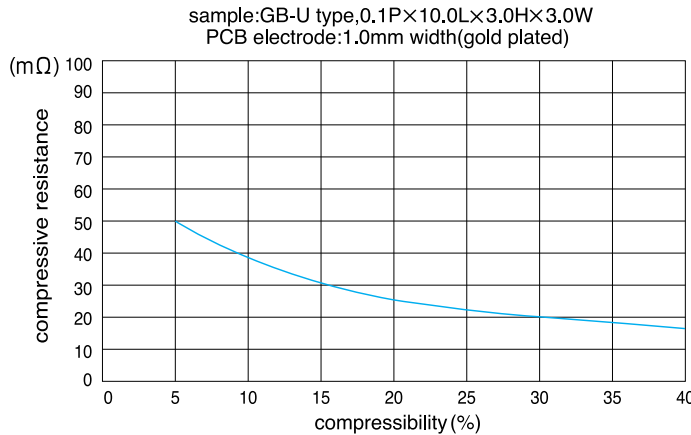
*The test is carried out with Shin-Etsu's own method.

* 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

Shin-Etsu

Shin-Etsu Polymer Co.,Ltd.

Shin-Etsu Polymer Co.,Ltd.:

3-5 Nihonbashi-honcho 4-chome, Chuo-ku, Tokyo 103-0023, Japan
TEL 81-3-3279-1712 FAX 81-3-3246-2529

Connector Division:

406-1, Yoshinocho 1-chome, Omiya-shi Saitama 330-0031, Japan
TEL 81-48-652-5913 FAX 81-48-652-5919

Shin-Etsu Polymer America Inc.

5600 Mowry School Road Suite 320 Newark, CA 94560, U.S.A.
TEL 1-510-623-1881 FAX 1-510-623-1603

Shin-Etsu Polymer America,Inc.Atlanta Branch:

333 North Point Center East Suite 150 Alpharetta, GA 30022, U.S.A.
TEL 1-770-346-8686 FAX 1-770-346-8750

Shin-Etsu Polymer Europe B.V.:

Groot Bollerweg 10, 5928 NS Venlo, The Netherlands
TEL 31-77-323-6000 FAX 31-77-323-6001

Shin-Etsu Polymer Co.,Ltd.:

Hong Kong Branch

Suite1602, 16/F, Tower 6, China Hong Kong City, 33 Canton Road, Tsim Sha Tsui, Kowloon, Hong Kong
TEL 852-2377-9131 FAX 852-2377-1673

Shin-Etsu Polymer Shanghai Co.,Ltd.:

Section A, Floor 3, 55 Xiya RD, Wai Gao Qiao Free Trade Zone, Shanghai, 200137, China
TEL 86-21-5046-1153 FAX86-21-5046-1665

Shin-Etsu Polymer Co.,Ltd.:

Singapore Branch

360 Orchard Road #12-10, International Building, Singapore 238869
TEL 65-735-0007 FAX65-735-0008

Shin-Etsu Polymer(Malaysia)Sdn,Bhd.:

Lot 52, Japan Sepintas 26/13, Kawasan, Perindustrian Hicom, 4000 Shan Alan, Selangor Darul Ehasan, Malaysia
TEL 60-3-51111161 FAX 60-3-5111181

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