Terminal tabs

Terminal tabs are made of copper foil with a polyimide, special polyimide film or glass fibre reinforced epoxy backing and are used for soldering the strain gauge to wires. Solder tabs can be used to attach larger lead wires to the strain gauge than would be possible if the lead wires are directly attached to the strain gauge itself.

DTA Series

The DTA Series are made out of a pure copper foil and have a polyimide backing. It has a high flexibility, good insulation and is humidity and heat resistant. It is highly reliable and can be used in relatively curved conditions.

DTB Series

The DTB Series are made out of a pure copper foil and have a glass fibre reinforced epoxy backing. It has a high resistance against breaking. In addition it has a good bonding performance.

DHA Series

The DTA Series are made out of a pure copper foil and have a special polyimide film backing. It has a high flexibility, good insulation and is humidity and heat resistant. It can be used at higher temperatures up to 250℃ .

Terminal tab geometry	Terminal tab model	Grid size: Length (L) x Width (W) (mm)	Backing size: Length (L) x Width (W) (mm)
	DTA(DTB、DHA)$_0$–G$_1$	2.2 × 0.5	4.5 × 3.2
	DTA(DTB、DHA)$_1$–G$_1$	3.0 × 1.2	4.0 × 4.2
	DTA(DTB、DHA)$_2$–G$_1$	3.2 × 1.2	5.0 × 4.0
	DTA(DTB、DHA)$_3$–G$_1$	5.0 × 2.0	6.0 × 6.0
	DTA(DTB、DHA)$_6$–G$_1$	6.4 × 2.6	8.0 × 8.0
	DTA(DTB、DHA)$_{10}$–G$_1$	10.0 × 4.0	12.0 × 12.0

Terminal Tabs

Terminal tab geometry	Terminal tab model	Grid size: Length (L) x Width (W) (mm)	Backing size: Length (L) x Width (W) (mm)
	DTA(DTB、DHA)$_3$–G$_2$	5.0 × 1.4	7.0 × 6.0
	DTA(DTB、DHA)$_4$–G$_2$	4.0 × 1.5	7.5 × 4.4
	DTA(DTB、DHA)$_5$–G$_2$	5.0 × 1.0	6.0 × 5.0
	DTA(DTB、DHA)$_6$–G$_2$	7.0 × 1.6	8.0 × 8.0
	DTA(DTB、DHA)$_7$–G$_2$	7.0 × 1.5	9.6 × 8.0
	DTA(DTB、DHA)$_{10}$–G$_2$	9.7 × 3.0	13.0 × 12.0
	DTA(DTB、DHA)$_3$–G$_3$	5.0 × 2.0	6.0 × 6.0
	DTA(DTB、DHA)$_6$–G$_3$	6.4 × 2.6	8.0 × 8.0
	DTA(DTB、DHA)$_{10}$–G$_3$	10.0 × 3.0	12.0 × 12.0
	DTA(DTB、DHA)$_3$–G$_4$	5.0 × 1.4	7.0 × 6.0
	DTA(DTB、DHA)$_6$–G$_4$	6.5 × 1.6	8.0 × 8.0
	DTA(DTB、DHA)$_{10}$–G$_4$	10.0 × 4.0	12.0 × 14.0

Terminal Tabs

Terminal tab geometry	Terminal tab model	Grid size: Length (L) x Width (W) (mm)	Backing size: Length (L) x Width (W) (mm)
	DTA(DTB、DHA)$_3$–G$_5$	5.0×2.0	6.0×6.0
	DTA(DTB、DHA)$_6$–G$_5$	6.0×2.5	8.0×8.0
	DTA(DTB、DHA)$_{10}$–G$_5$	10.0×3.0	10.0×12.0
	DTA(DTB、DHA)$_3$–G$_6$	Φ1.0	5.0×3.0
	DTA(DTB、DHA)$_6$–G$_6$	Φ2.0	8.0×4.0
	DTA(DTB、DHA)$_{10}$–G$_6$	Φ4.0	12.0×6.0

Please note:

In the list above, the code DTA(DTB, DHA) represents that the terminal tab is available in 3 series which are; DTA0–G1, DTB0–G1 and DHA0–G1 respectively. This goes for all series of terminal tabs with different types noted between brackets.