

Product Change Notice

3M™ Pin Strip Header– 2 mm x 2 mm Solder Tail Straight and Right Angle, Surface Mount Straight – 1512 Series

Issue Number: 778

Date: December 14, 2010

Product Change

Effective immediately, Pin Strip Headers, 1512 Series (tech sheet TS-0808) will undergo several notable changes. Please read the following notification carefully and contact your local 3M representative or technical support for any questions or concerns.

- To increase manufacturability and improve consistency across the 1512 Series, the insulator material for all solder tail right angle products will be changed from glass-filled PCT to glass-filled LCP. The surface mount straight and solder tail straight products are already manufactured with the glass-filled LCP insulating material. Customers should expect equal to better performance from this material change. (See list of affected part numbers in Table 1.)
- Matte tin plating (RB plating suffix) on solder tails in all configurations will change from 300 μ " to 200 μ ". We do not anticipate any performance reduction related to this specific change. (See list of affected part numbers in Table 1.). Gold plating thickness in the wiping area remains unchanged at 30 μ ".
- The maximum pin count for the series will increase from 60 contacts to 80 contacts. New part numbers for 80 position headers are listed in Table 2 of this document.
- The current pin profile will be changed from crowned to square for all 1512 Series headers. We do not expect this change to effect performance in any way. (See Figures 1.1 and 1.2 for dimensional specifications and comparison.)
- The country of origin for all 3M 1512 Series products will be moving from the US to China, where packaging will also change from tray packaging to bulk packaging (bagged, then boxed).

Because of changes mentioned above, there will be price, lead-time and MOQ changes for North American customers, which will go into effect on February 7, 2011. Both price increases and decreases will be present for part numbers included in this series, while MOQ and lead times will generally be decreasing. Customers are asked to plan accordingly and contact their authorized distributor for revised ordering specifications at this date.

Although these changes are effective immediately, we expect existing configurations to be available approximately three months from the date of this announcement. However, 3M cannot guarantee availability to any specific date should above average demand conditions surface.



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Table 1

The following table represents new changes now in effect:

3M ID	Part Number	Country of Origin	Packaging	Solder-Tail Tin Plating Thickness	Pin Profile	Insulator Material
80001211319	151204-7422-RB	China	Bulk	200µ"	Square	LCP
80000913394	151206-7422-RB	China	Bulk	200µ"	Square	LCP
80000903155	151208-7422-RB	China	Bulk	200µ"	Square	LCP
80000903189	151210-7322-RB	China	Bulk	200µ"	Square	LCP
80001206764	151210-7421-RB	China	Bulk	200µ"	Square	LCP
80000903197	151210-7422-RB	China	Bulk	200µ"	Square	LCP
80000903213	151212-7322-RB	China	Bulk	200µ"	Square	LCP
80000903221	151212-7422-RB	China	Bulk	200µ"	Square	LCP
80001244799	151214-7322-RB	China	Bulk	200µ"	Square	LCP
80001211350	151214-7422-RB	China	Bulk	200µ"	Square	LCP
80000903254	151216-7422-RB	China	Bulk	200µ"	Square	LCP
80000903270	151218-7322-RB	China	Bulk	200µ"	Square	LCP
80001218173	151218-7422-RB	China	Bulk	200µ"	Square	LCP
80001237942	151220-7322-RB	China	Bulk	200µ"	Square	LCP
80000903288	151220-7422-RB	China	Bulk	200µ"	Square	LCP
80001250242	151222-7422-RB	China	Bulk	200µ"	Square	LCP
80000903312	151224-7422-RB	China	Bulk	200µ"	Square	LCP
80000903338	151226-7422-RB	China	Bulk	200µ"	Square	LCP
80001250267	151228-7422-RB	China	Bulk	200µ"	Square	LCP
80001218199	151230-7322-RB	China	Bulk	200µ"	Square	LCP
80000903353	151230-7422-RB	China	Bulk	200µ"	Square	LCP
80000903379	151232-7322-RB	China	Bulk	200µ"	Square	LCP
80000913923	151232-7422-RB	China	Bulk	200µ"	Square	LCP
80001255134	151234-7422-RB	China	Bulk	200µ"	Square	LCP
80000903387	151236-7322-RB	China	Bulk	200µ"	Square	LCP
80000903395	151240-7422-RB	China	Bulk	200µ"	Square	LCP
80001150160	151244-7322-RB	China	Bulk	200µ"	Square	LCP
80000903437	151244-7422-RB	China	Bulk	200µ"	Square	LCP
80000903460	151250-7422-RB	China	Bulk	200µ"	Square	LCP
80000915837	151260-7322-RB	China	Bulk	200µ"	Square	LCP
80000904716	151260-7422-RB	China	Bulk	200µ"	Square	LCP
42002390831	151280-2320-RB	China	Bulk	200µ"	Square	LCP*
42002390849	151280-2420-RB	China	Bulk	200µ"	Square	LCP*
42002390815	151280-7322-RB	China	Bulk	200µ"	Square	LCP*
42002390823	151280-7422-RB	China	Bulk	200µ"	Square	LCP*
42002390799	151280-8322-RB	China	Bulk	200µ"	Square	LCP*
42002390807	151280-8422-RB	China	Bulk	200µ"	Square	LCP*
80000902967	151204-2320-RB	China	Bulk	200µ"	Square	LCP*
80001136409	151204-8322-RB	China	Bulk	200µ"	Square	LCP*
80001211327	151204-8422-RB	China	Bulk	200µ"	Square	LCP*
80001225046	151206-2320-RB	China	Bulk	200µ"	Square	LCP*
80001235771	151206-8322-RB	China	Bulk	200µ"	Square	LCP*
80000917189	151206-8422-RB	China	Bulk	200µ"	Square	LCP*
80001208539	151208-2320-RB	China	Bulk	200µ"	Square	LCP*

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3M ID	Part Number	Country of Origin	Packaging	Solder-Tail Tin Plating Thickness	Pin Profile	Insulator Material
80000903072	151208-2320-RB	China	Bulk	200µ"	Square	LCP*
80000903080	151208-2420-RB	China	Bulk	200µ"	Square	LCP*
80001225012	151208-8322-RB	China	Bulk	200µ"	Square	LCP*
80000903163	151208-8421-RB	China	Bulk	200µ"	Square	LCP*
80000903171	151208-8422-RB	China	Bulk	200µ"	Square	LCP*
80001211335	151210-2320-RB	China	Bulk	200µ"	Square	LCP*
80620139388	151210-2420-RB	China	Bulk	200µ"	Square	LCP*
80000903098	151210-2420-RB	China	Bulk	200µ"	Square	LCP*
80000903205	151210-8322-RB	China	Bulk	200µ"	Square	LCP*
80400028090	151210-8422-RB	China	Bulk	200µ"	Square	LCP*
80001211343	151212-8322-RB	China	Bulk	200µ"	Square	LCP*
80000903239	151212-8422-RB	China	Bulk	200µ"	Square	LCP*
80000912164	151214-2420-RB	China	Bulk	200µ"	Square	LCP*
80000903247	151214-8422-RB	China	Bulk	200µ"	Square	LCP*
80000902975	151216-2320-RB	China	Bulk	200µ"	Square	LCP*
80000902983	151216-2420-RB	China	Bulk	200µ"	Square	LCP*
80000903106	151216-2420-RB	China	Bulk	200µ"	Square	LCP*
80001250226	151216-8322-RB	China	Bulk	200µ"	Square	LCP*
80000903262	151216-8422-RB	China	Bulk	200µ"	Square	LCP*
80001241134	151218-2320-RB	China	Bulk	200µ"	Square	LCP*
80001211368	151220-2320-RB	China	Bulk	200µ"	Square	LCP*
80000903007	151220-2420-RB	China	Bulk	200µ"	Square	LCP*
80001245382	151220-2420-RB	China	Bulk	200µ"	Square	LCP*
80000903296	151220-8322-RB	China	Bulk	200µ"	Square	LCP*
80000903304	151220-8422-RB	China	Bulk	200µ"	Square	LCP*
80001250234	151222-2320-RB	China	Bulk	200µ"	Square	LCP*
80000903015	151222-2420-RB	China	Bulk	200µ"	Square	LCP*
80001250259	151222-8322-RB	China	Bulk	200µ"	Square	LCP*
80001208877	151222-8422-RB	China	Bulk	200µ"	Square	LCP*
80620139412	151224-2420-RB	China	Bulk	200µ"	Square	LCP*
80001212952	151224-8322-RB	China	Bulk	200µ"	Square	LCP*
80000903320	151224-8422-RB	China	Bulk	200µ"	Square	LCP*
80001211376	151226-2320-RB	China	Bulk	200µ"	Square	LCP*
80000903114	151226-2420-RB	China	Bulk	200µ"	Square	LCP*
80000903346	151226-8322-RB	China	Bulk	200µ"	Square	LCP*
80001206681	151226-8422-RB	China	Bulk	200µ"	Square	LCP*
80001211384	151230-2320-RB	China	Bulk	200µ"	Square	LCP*
80001211392	151230-8322-RB	China	Bulk	200µ"	Square	LCP*
80000903361	151230-8422-RB	China	Bulk	200µ"	Square	LCP*
80001249715	151232-8422-RB	China	Bulk	200µ"	Square	LCP*
80620139461	151234-2420-RB	China	Bulk	200µ"	Square	LCP*
80001211400	151234-8322-RB	China	Bulk	200µ"	Square	LCP*
80001203464	151234-8422-RB	China	Bulk	200µ"	Square	LCP*
80001250275	151240-2320-RB	China	Bulk	200µ"	Square	LCP*
80620139495	151240-2420-RB	China	Bulk	200µ"	Square	LCP*
80000903403	151240-8322-RB	China	Bulk	200µ"	Square	LCP*
80000903411	151240-8422-RB	China	Bulk	200µ"	Square	LCP*

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3M ID	Part Number	Country of Origin	Packaging	Solder-Tail Tin Plating Thickness	Pin Profile	Insulator Material
80001255142	151244-2320-RB	China	Bulk	200μ"	Square	LCP*
80000903445	151244-8322-RB	China	Bulk	200μ"	Square	LCP*
80000903452	151244-8422-RB	China	Bulk	200μ"	Square	LCP*
80000903122	151250-2420-RB	China	Bulk	200μ"	Square	LCP*
80000903478	151250-8322-RB	China	Bulk	200μ"	Square	LCP*
80000903486	151250-8422-RB	China	Bulk	200μ"	Square	LCP*
80001209412	151258-2320-RB	China	Bulk	200μ"	Square	LCP*
80000903130	151260-2320-RB	China	Bulk	200μ"	Square	LCP*
80000903148	151260-2420-RB	China	Bulk	200μ"	Square	LCP*
80001211418	151260-8322-RB	China	Bulk	200μ"	Square	LCP*
80000904724	151260-8422-RB	China	Bulk	200μ"	Square	LCP*
80001138769	151250-CES80051-RB	China	Bulk	200μ"	Square	LCP*
80001220831	151208-CES80013	China	Bulk	200μ"	Square	LCP*
80000918666	151208-ZZ10003627	China	Bulk	200μ"	Square	LCP*
80001150178	151220-ZZ1000-3949	China	Bulk	200μ"	Square	LCP*

** Historically, all surface mount straight and solder tail straight products have been manufactured with glass-filled LCP insulating material. This is not a change to current offerings.*

Table 2

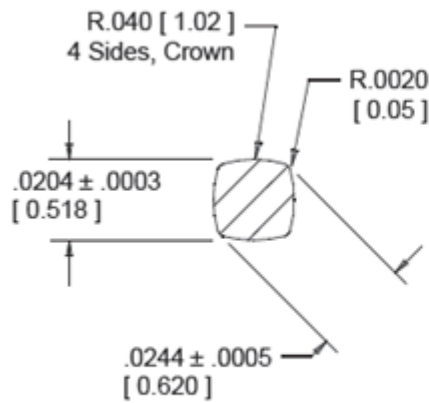
New part numbers now available for 3M™ Pin Strip Headers, 1512 Series, 80 position:

3M ID	Part Number
80001253709	151280-8322-RB
80001253717	151280-8422-RB
80001253725	151280-7322-RB
80001253733	151280-7422-RB
80001253741	151280-2320-RB
80001253758	151280-2420-RB

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Figure 1.1

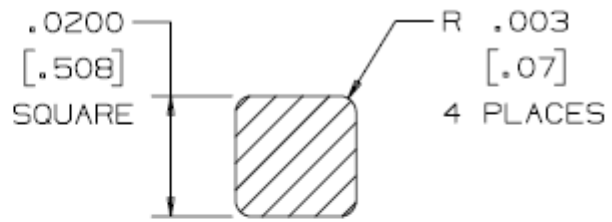
Original crowned pin cross-section



Pin Cross Section

Figure 1.2

New square pin cross-section



PIN CROSS SECTION

Contact Information

In the USA

3M US Customer Service
800-225-5373

Outside the USA

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