

Standardization of M2.5 square nut

Dear Madam or Sir,

the below listed articles will be supplied in a modified revision. Please pass this product information on to your employees and, if needed, to your customers. All modifications are performed for reasons of product improvements.

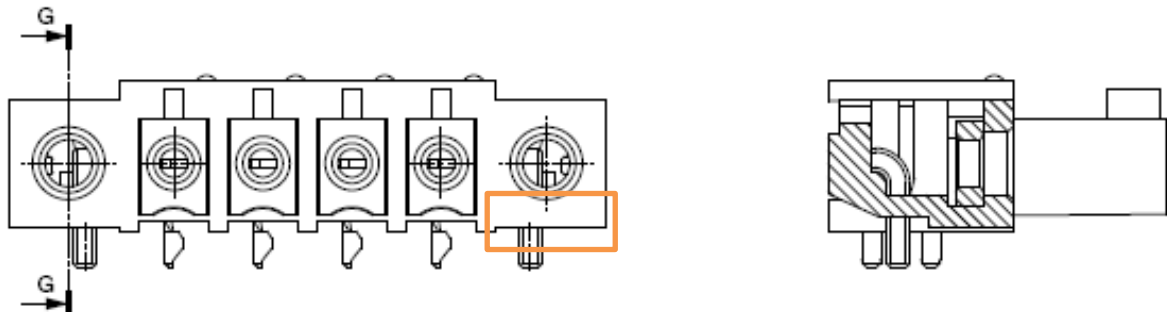
1. Initial situation

For our OMNIMATE connectors we use two different M2.5 square nuts, which differ only slightly in their outer dimensions.

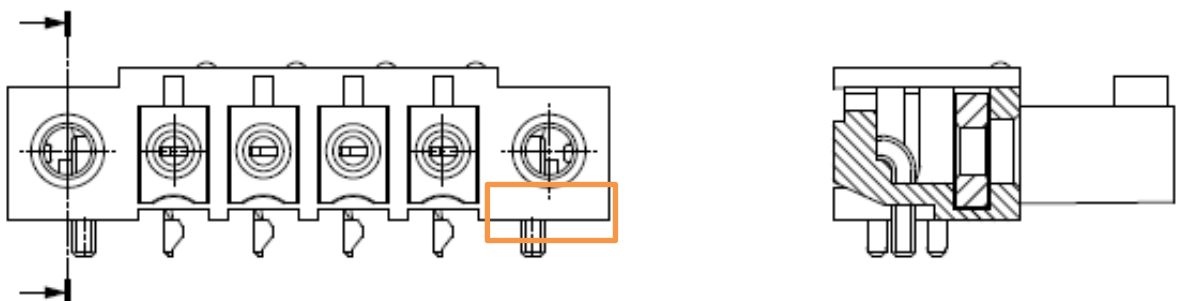
2. Technical change

Standardization of the M2.5 square nuts of the complete OMNIMATE portfolio.
Due to changed geometries of the square nut, necessary changes have been made to the plastic housings of the BCL-SMT and SC-SMT.

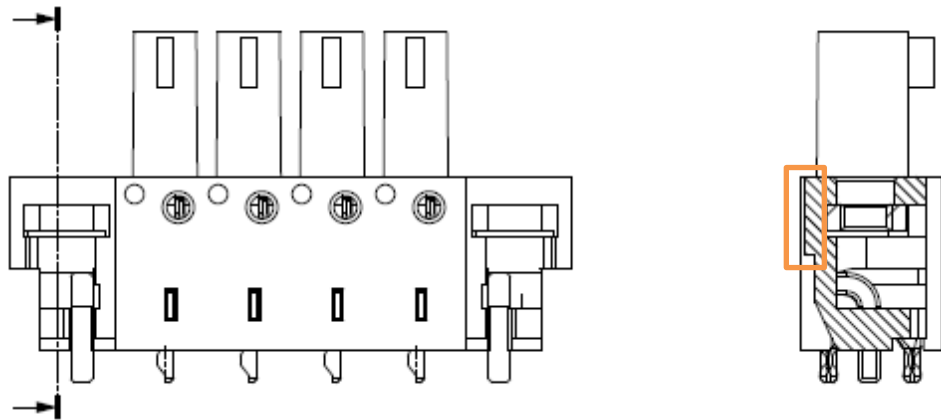
BCL-SMT 3.81/.. /90LF old



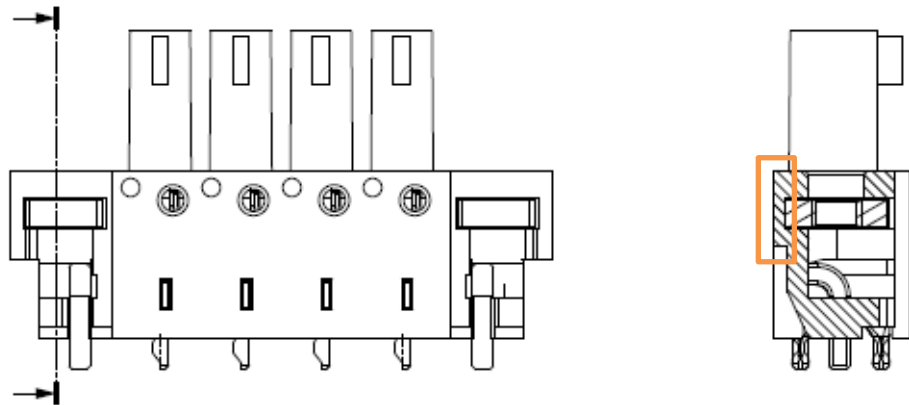
BCL-SMT 3.81/.. /90LF new



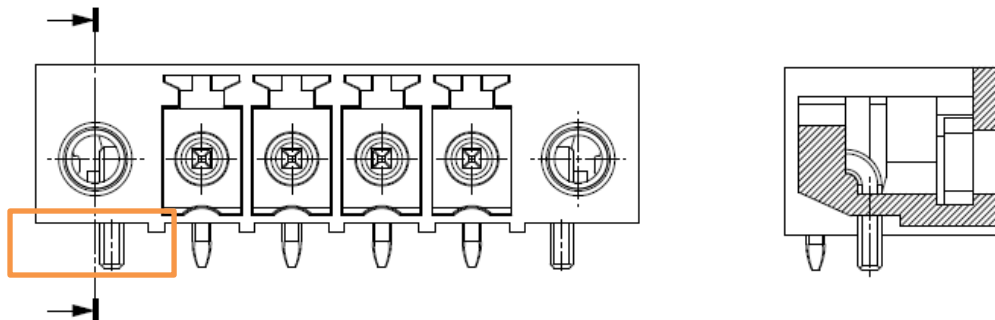
BCL-SMT 3.81/./180LF old



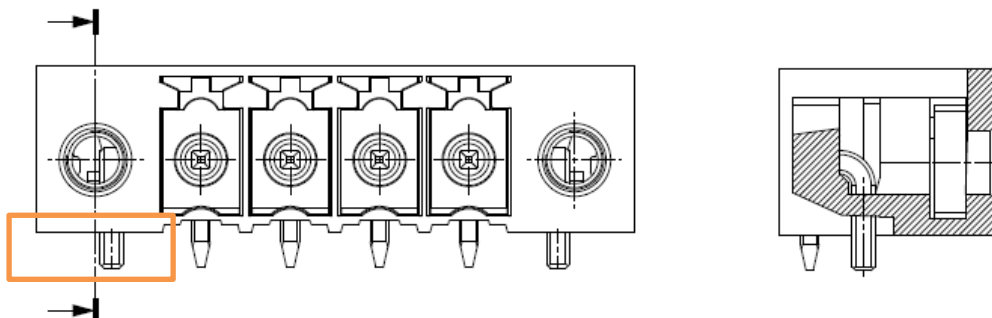
BCL-SMT 3.81/./180LF new



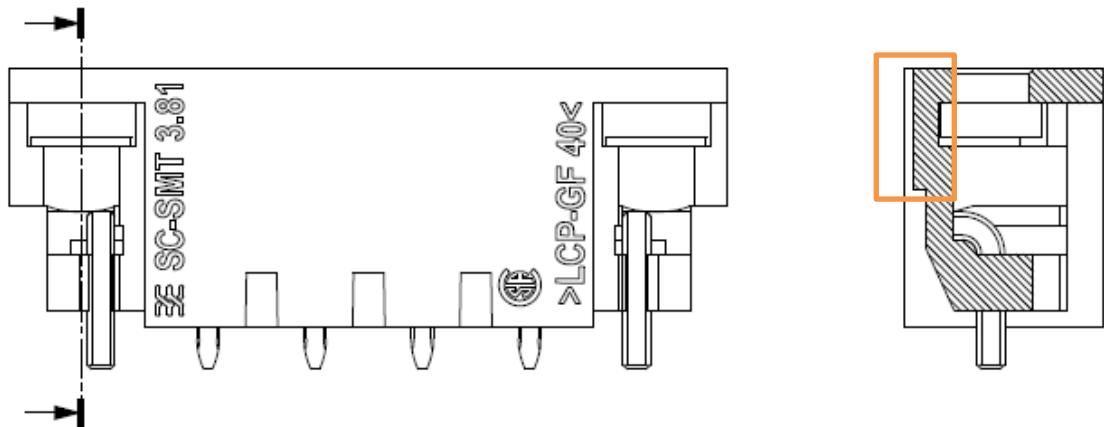
SC-SMT 3.81/./90LF old



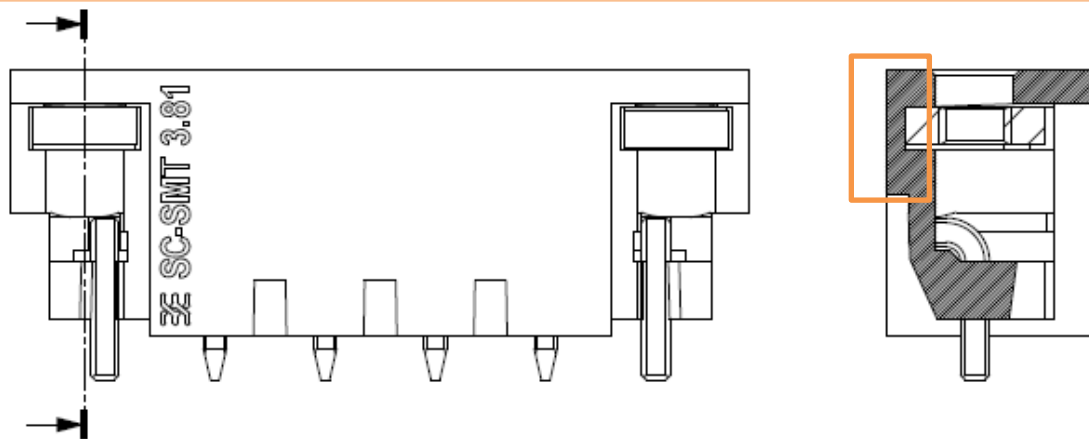
SC-SMT 3.81/./90LF new



SC-SMT 3.81/./180LF old



SC-SMT 3.81/./180LF new



3. Reason for change

The new standard square nut features improved force transmission and more stable tightening torque. In addition, standardization reduces the complexity within global manufacturing processes and ensures higher availability.

The change has no negative impact on existing properties according to the data sheet.

4. Availability

The changed housing will be used in the production from first of November 2020.

There will be no stock cleaning.

5. Affected parts

Description	Part Number	Description	Part Number
SC-SMT 3.81/02/180LF 1.5SN BK BX	1864070000	SC-SMT 3.81/02/90LF 1.5SN BK BX	1862560000
SC-SMT 3.81/02/180LF 1.5SN BK RL	1864220000	SC-SMT 3.81/02/90LF 1.5SN BK RL	1862720000
SC-SMT 3.81/02/180LF 3.2SN BK BX	1863230000	SC-SMT 3.81/02/90LF 3.2SN BK BX	1863670000
SC-SMT 3.81/02/180LF 3.2SN BK RL	1863500000	SC-SMT 3.81/02/90LF 3.2SN BK RL	1863890000
SC-SMT 3.81/03/180LF 1.5SN BK BX	1864080000	SC-SMT 3.81/03/90LF 1.5SN BK BX	1862580000
SC-SMT 3.81/03/180LF 1.5SN BK RL	1864230000	SC-SMT 3.81/03/90LF 1.5SN BK RL	1862750000
SC-SMT 3.81/03/180LF 3.2SN BK BX	1863250000	SC-SMT 3.81/03/90LF 3.2SN BK BX	1863680000
SC-SMT 3.81/03/180LF 3.2SN BK RL	1863510000	SC-SMT 3.81/03/90LF 3.2SN BK RL	1863970000
SC-SMT 3.81/04/180LF 1.5SN BK BX	1864090000	SC-SMT 3.81/04/90LF 1.5SN BK BX	1862590000
SC-SMT 3.81/04/180LF 1.5SN BK RL	1864240000	SC-SMT 3.81/04/90LF 1.5SN BK RL	1862770000
SC-SMT 3.81/04/180LF 3.2SN BK BX	1863260000	SC-SMT 3.81/04/90LF 3.2SN BK BX	1863690000
SC-SMT 3.81/04/180LF 3.2SN BK RL	1863530000	SC-SMT 3.81/04/90LF 3.2SN BK RL	1863980000
SC-SMT 3.81/05/180LF 1.5SN BK BX	1864100000	SC-SMT 3.81/05/90LF 1.5SN BK BX	1862600000
SC-SMT 3.81/05/180LF 1.5SN BK RL	1864250000	SC-SMT 3.81/05/90LF 1.5SN BK RL	1862790000
SC-SMT 3.81/05/180LF 3.2SN BK BX	1863280000	SC-SMT 3.81/05/90LF 3.2SN BK BX	1863700000
SC-SMT 3.81/05/180LF 3.2SN BK RL	1863580000	SC-SMT 3.81/05/90LF 3.2SN BK RL	1863990000
SC-SMT 3.81/06/180LF 1.5SN BK BX	1864110000	SC-SMT 3.81/06/90LF 1.5SN BK BX	1862610000
SC-SMT 3.81/06/180LF 1.5SN BK RL	1864260000	SC-SMT 3.81/06/90LF 1.5SN BK RL	1862820000
SC-SMT 3.81/06/180LF 3.2SN BK BX	1863300000	SC-SMT 3.81/06/90LF 3.2SN BK BX	1863710000
SC-SMT 3.81/06/180LF 3.2SN BK RL	1863600000	SC-SMT 3.81/06/90LF 3.2SN BK RL	1864000000
SC-SMT 3.81/07/180LF 1.5SN BK BX	1864120000	SC-SMT 3.81/07/90LF 1.5SN BK BX	1862620000
SC-SMT 3.81/07/180LF 1.5SN BK RL	1864270000	SC-SMT 3.81/07/90LF 1.5SN BK RL	1862830000
SC-SMT 3.81/07/180LF 3.2SN BK BX	1863310000	SC-SMT 3.81/07/90LF 3.2SN BK BX	1863740000
SC-SMT 3.81/07/180LF 3.2SN BK RL	1863620000	SC-SMT 3.81/07/90LF 3.2SN BK RL	1864010000
SC-SMT 3.81/08/180LF 1.5SN BK BX	1864130000	SC-SMT 3.81/08/90LF 1.5SN BK BX	1862630000
SC-SMT 3.81/08/180LF 1.5SN BK RL	1864280000	SC-SMT 3.81/08/90LF 1.5SN BK RL	1862850000
SC-SMT 3.81/08/180LF 3.2SN BK BX	1863340000	SC-SMT 3.81/08/90LF 3.2SN BK BX	1863760000
SC-SMT 3.81/08/180LF 3.2SN BK RL	1863640000	SC-SMT 3.81/08/90LF 3.2SN BK RL	1864020000
SC-SMT 3.81/09/180LF 1.5SN BK BX	1864140000	SC-SMT 3.81/09/90LF 1.5SN BK BX	1862640000
SC-SMT 3.81/09/180LF 3.2SN BK BX	1863360000	SC-SMT 3.81/09/90LF 1.5SN BK RL	1430360000
SC-SMT 3.81/10/180LF 1.5SN BK BX	1864150000	SC-SMT 3.81/09/90LF 3.2SN BK BX	1863770000
SC-SMT 3.81/10/180LF 3.2SN BK BX	1863380000	SC-SMT 3.81/09/90LF 3.2SN BK RL	1430370000
SC-SMT 3.81/10/180LF 3.2SN BK RL	1430710000	SC-SMT 3.81/10/90LF 1.5SN BK BX	1862650000
SC-SMT 3.81/11/180LF 1.5SN BK BX	1864160000	SC-SMT 3.81/10/90LF 1.5SN BK RL	1430380000
SC-SMT 3.81/11/180LF 1.5SN BK RL	1430680000	SC-SMT 3.81/10/90LF 3.2SN BK BX	1863790000
SC-SMT 3.81/11/180LF 3.2SN BK BX	1863390000	SC-SMT 3.81/10/90LF 3.2SN BK RL	1430390000
SC-SMT 3.81/11/180LF 3.2SN BK RL	1430690000	SC-SMT 3.81/11/90LF 1.5SN BK BX	1862660000
SC-SMT 3.81/12/180LF 1.5SN BK BX	1864170000	SC-SMT 3.81/11/90LF 1.5SN BK RL	1430400000
SC-SMT 3.81/12/180LF 1.5SN BK RL	1430700000	SC-SMT 3.81/11/90LF 3.2SN BK BX	1863810000
SC-SMT 3.81/12/180LF 3.2SN BK BX	1863410000	SC-SMT 3.81/11/90LF 3.2SN BK RL	1430420000
SC-SMT 3.81/12/180LF 3.2SN BK RL	1359440000	SC-SMT 3.81/12/90LF 1.5SN BK BX	1862670000
SC-SMT 3.81/13/180LF 1.5SN BK BX	1864180000	SC-SMT 3.81/12/90LF 1.5SN BK RL	1430430000
SC-SMT 3.81/13/180LF 1.5SN BK RL	1430720000	SC-SMT 3.81/12/90LF 3.2SN BK BX	1863820000
SC-SMT 3.81/13/180LF 3.2SN BK BX	1863430000	SC-SMT 3.81/12/90LF 3.2SN BK RL	1359450000
SC-SMT 3.81/13/180LF 3.2SN BK RL	1430730000	SC-SMT 3.81/13/90LF 1.5SN BK BX	1862680000
SC-SMT 3.81/14/180LF 1.5SN BK BX	1864190000	SC-SMT 3.81/13/90LF 1.5SN BK RL	1430440000
SC-SMT 3.81/14/180LF 1.5SN BK RL	1430740000	SC-SMT 3.81/13/90LF 3.2SN BK BX	1863840000
SC-SMT 3.81/14/180LF 3.2SN BK BX	1863440000	SC-SMT 3.81/13/90LF 3.2SN BK RL	1430450000
SC-SMT 3.81/14/180LF 3.2SN BK RL	1430750000	SC-SMT 3.81/14/90LF 1.5SN BK BX	1862690000
SC-SMT 3.81/15/180LF 1.5SN BK BX	1864200000	SC-SMT 3.81/14/90LF 1.5SN BK RL	1430470000
SC-SMT 3.81/15/180LF 1.5SN BK RL	1430770000	SC-SMT 3.81/14/90LF 3.2SN BK BX	1863850000
SC-SMT 3.81/15/180LF 3.2SN BK BX	1863460000	SC-SMT 3.81/14/90LF 3.2SN BK RL	1430480000
SC-SMT 3.81/15/180LF 3.2SN BK RL	1430780000	SC-SMT 3.81/15/90LF 1.5SN BK BX	1862700000
SC-SMT 3.81/16/180LF 1.5SN BK BX	1864210000	SC-SMT 3.81/15/90LF 1.5SN BK RL	1430490000
SC-SMT 3.81/16/180LF 1.5SN BK RL	1430790000	SC-SMT 3.81/15/90LF 3.2SN BK BX	1863860000
SC-SMT 3.81/16/180LF 3.2SN BK BX	1863480000	SC-SMT 3.81/15/90LF 3.2SN BK RL	1430500000
SC-SMT 3.81/16/180LF 3.2SN BK RL	1430810000	SC-SMT 3.81/16/90LF 1.5SN BK BX	1862710000
		SC-SMT 3.81/16/90LF 1.5SN BK RL	1430510000
		SC-SMT 3.81/16/90LF 3.2SN BK BX	1863870000
		SC-SMT 3.81/16/90LF 3.2SN BK RL	1430520000

Description	Part Number	Description	Part Number
BCL-SMT 3.81/02/180LFI 1.5SN BK BX	1029260000	BCL-SMT 3.81/02/90LFI 1.5SN BK BX	1028720000
BCL-SMT 3.81/02/180LFI 1.5SN OR BX	1028910000	BCL-SMT 3.81/02/90LFI 1.5SN OR BX	1028130000
BCL-SMT 3.81/03/180LFI 1.5SN BK BX	1029270000	BCL-SMT 3.81/03/90LFI 1.5SN BK BX	1028730000
BCL-SMT 3.81/03/180LFI 1.5SN OR BX	1028920000	BCL-SMT 3.81/03/90LFI 1.5SN OR BX	1028140000
BCL-SMT 3.81/04/180LFI 1.5SN BK BX	1029280000	BCL-SMT 3.81/04/90LFI 1.5SN BK BX	1028740000
BCL-SMT 3.81/04/180LFI 1.5SN OR BX	1028930000	BCL-SMT 3.81/04/90LFI 1.5SN OR BX	1028160000
BCL-SMT 3.81/05/180LFI 1.5SN BK BX	1029290000	BCL-SMT 3.81/05/90LFI 1.5SN BK BX	1028750000
BCL-SMT 3.81/05/180LFI 1.5SN OR BX	1028940000	BCL-SMT 3.81/05/90LFI 1.5SN OR BX	1028170000
BCL-SMT 3.81/06/180LFI 1.5SN BK BX	1029310000	BCL-SMT 3.81/06/90LFI 1.5SN BK BX	1028760000
BCL-SMT 3.81/06/180LFI 1.5SN OR BX	1028950000	BCL-SMT 3.81/06/90LFI 1.5SN OR BX	1028180000
BCL-SMT 3.81/07/180LFI 1.5SN BK BX	1029320000	BCL-SMT 3.81/07/90LFI 1.5SN BK BX	1028770000
BCL-SMT 3.81/07/180LFI 1.5SN OR BX	1028960000	BCL-SMT 3.81/07/90LFI 1.5SN OR BX	1028190000
BCL-SMT 3.81/08/180LFI 1.5SN BK BX	1029330000	BCL-SMT 3.81/08/90LFI 1.5SN BK BX	1028790000
BCL-SMT 3.81/08/180LFI 1.5SN OR BX	1028970000	BCL-SMT 3.81/08/90LFI 1.5SN OR BX	1028210000
BCL-SMT 3.81/09/180LFI 1.5SN BK BX	1029340000	BCL-SMT 3.81/09/90LFI 1.5SN BK BX	1028810000
BCL-SMT 3.81/09/180LFI 1.5SN OR BX	1028990000	BCL-SMT 3.81/09/90LFI 1.5SN OR BX	1028220000
BCL-SMT 3.81/10/180LFI 1.5SN BK BX	1029350000	BCL-SMT 3.81/10/90LFI 1.5SN BK BX	1028820000
BCL-SMT 3.81/10/180LFI 1.5SN OR BX	1029010000	BCL-SMT 3.81/10/90LFI 1.5SN OR BX	1028230000
BCL-SMT 3.81/11/180LFI 1.5SN BK BX	1029360000	BCL-SMT 3.81/11/90LFI 1.5SN BK BX	1028830000
BCL-SMT 3.81/11/180LFI 1.5SN OR BX	1029020000	BCL-SMT 3.81/11/90LFI 1.5SN OR BX	1028240000
BCL-SMT 3.81/12/180LFI 1.5SN BK BX	1029370000	BCL-SMT 3.81/12/90LFI 1.5SN BK BX	1028840000
BCL-SMT 3.81/12/180LFI 1.5SN OR BX	1029030000	BCL-SMT 3.81/12/90LFI 1.5SN OR BX	1028250000

We are very sorry for all the inconveniences caused and doing everything to adjust this product change as smooth as possible without big influence on delivery times and general functions.

For further questions please contact your sales office directly. All contacts for sales representatives are available here: www.weidmueller.com/contact

Best regards

Product Management

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Weidmüller – Your partner in Industrial Connectivity
We look forward to sharing ideas with you – **Let's connect.**