

1 Products affected

Product hierarchy no. *				Part no.	SBU	Type / Description
SBU	PG	PUG	Type	See list below	Circuit Protection	USF 0402
01	001	025	0000000220			

*SBU (2-digit) / PG (3-digit) / PUG (3-digit) / Type (10-digit)

List of part numbers affected

Phased-Out part numbers:

3414.0112.11	3414.0114.11	3414.0117.11	3414.0120.11	3414.0123.11
3414.0112.11.M	3414.0114.11.M	3414.0117.11.M	3414.0120.11.M	3414.0123.11.M
3414.0112.22	3414.0114.22	3414.0117.22	3414.0120.22	3414.0123.22
3414.0112.22.M	3414.0114.22.M	3414.0117.22.M	3414.0120.22.M	3414.0123.22.M
3414.0112.24	3414.0114.24	3414.0117.24	3414.0120.24	3414.0123.24
3414.0112.24.M	3414.0114.24.M	3414.0117.24.M	3414.0120.24.M	3414.0123.24.M
3414.0112.26.M	3414.0114.26.M	3414.0117.26.M	3414.0120.26.M	3414.0123.26.M
3414.0113.11	3414.0115.11	3414.0119.11	3414.0121.11	3414.0124.11
3414.0113.11.M	3414.0115.11.M	3414.0119.11.M	3414.0121.11.M	3414.0124.11.M
3414.0113.22	3414.0115.22	3414.0119.22	3414.0121.22	3414.0124.22
3414.0113.22.M	3414.0115.22.M	3414.0119.22.M	3414.0121.22.M	3414.0124.22.M
3414.0113.24	3414.0115.24	3414.0119.24	3414.0121.24	3414.0124.24
3414.0113.24.M	3414.0115.24.M	3414.0119.24.M	3414.0121.24.M	3414.0124.24.M
3414.0113.26.M	3414.0115.26.M	3414.0119.26.M	3414.0121.26.M	3414.0124.26.M

Remaining part numbers:

3414.0112.26	3414.0114.26	3414.0117.26	3414.0120.26	3414.0123.26
3414.0113.26	3414.0115.26	3414.0119.26	3414.0121.26	3414.0124.26

Additional new part numbers:

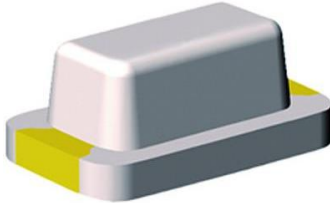

3414.0111.26	3414.0116.26	3414.0118.26	3414.0122.26	
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2 Type of change

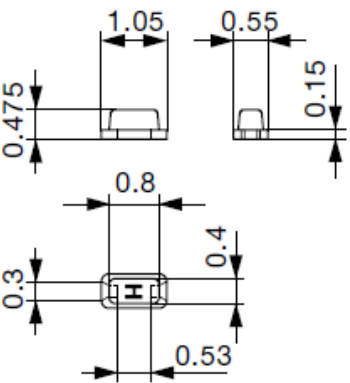
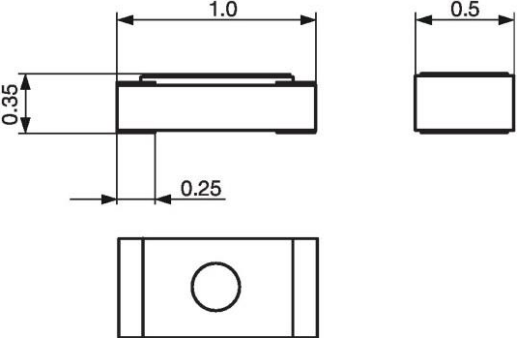
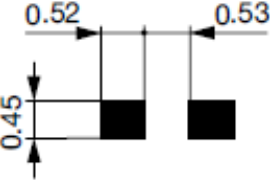
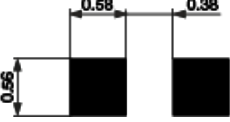





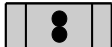













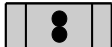













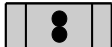








- Change of dimension
- Change of soldering pads
- Change of product markings
- Change of cold resistance
- Change of admissible ambient air temperature
- Change of lot quantity available
- Change of production site
- Change of material
- Additional operating currents available

3 Detailed description of change

New design for complete USF 0402 series with four additional rated current values to support increasing demand.

Old product appearance	New product appearance
	

Product Change Notification					PCN USF 0402		
owner	creation date	release date	released by	change order no	rev	page	D10-018-052
ganderka	12.12.2017	12.12.2017	nowakfr	2013553	B	1 of 4	

Old dimensions	New dimensions																																																												
																																																													
Old Soldering pads	New Soldering pads																																																												
																																																													
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Old cold resistance		New cold resistance	
rated current	R_{cold} [mohm]	rated current	R_{cold} [mohm]
0.250	Not Available	0.250	360
0.375	173	0.375	193
0.500	124	0.500	160
0.750	78	0.750	105
1.000	57	1.000	73
1.250	Not Available	1.250	60
1.500	37	1.500	47
1.750	Not Available	1.750	39
2.000	26	2.000	30
2.500	21	2.500	20
3.000	17	3.000	17
3.500	Not Available	3.500	15
4.000	13	4.000	10.5
5.000	10	5.000	8.5
Old admissible ambient air temperature		New admissible ambient air temperature	
-55°C to 125°C		-55°C to 90°C	
Old lot quantity		New lot quantity	
Quantity	Primary Packaging	Quantity	Primary Packaging
100 pcs	Blister Tape	10'000 pcs	Blister Tape
1'000 pcs	Blister Tape	18 cm Reel	18 cm Reel
5'000 pcs	Blister Tape	According to IEC 60286-3	
15'000 pcs	Blister Tape	33 cm Reel	
According to IEC 60286-3			
Old production site		New production site	
Switzerland		Philippines	

4 Reason of change

A complete redesign of our USF 0402 product line got necessary. We took it as a chance to improve it in several ways. We increased the surface area in order to improve pick and place handling, replaced transparent material in order to increase visibility for autonomous production environments, used complete halogen free plastic and added additional operating currents.

5 Release date

The change takes immediate effect. Orders can be placed form week 1 of 2018.

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6 Impact of change and recommended action

	Impact on application	Recommended action	
Form	Yes	Yes	Check on possible improvements in your production process
Fit	Yes	Yes	Check on slightly changed soldering pads
Function	Yes	Yes	Check on slightly changed cold resistance
Manufacturing	Yes	No	No impact on supply process
Label	No	No	No substantial changes
Packaging	Yes	No	Just lot quantity changes

7 Reference Documents / Attachments

Kind of document	Remarks
Datasheet USF 0402	

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