

Product Change Notice

PCN#: EE-PCN26015

March 1, 2026

CLASSIFICATION OF CHANGE:

Materials change

DESCRIPTION OF CHANGE:

As part of our continuous improvement program, the S500 and S506 fuse families have been updated with optimized materials and additional qualified suppliers for key components. These changes are intended to improve supply robustness while maintaining product performance, form, fit, and compliance with applicable standards. After the change, the unit weight increased from approximately 0.69 g/pc to 0.83 g/pc while the fuses I2T and DC cold resistance are slightly changed as below tables, and certificate UR & CSA consolidated to **cURus**.

Catalog number	I2T Old	I2T New
S500-1-R	0.6	0.8
S500-1.25-R	0.84	1.1
S500-1.6-R	1.6	2.1
S500-2-R	4.2	5.5
S500-2.5-R	6.1	7.9
S500-3.15-R	13	16.9

Catalog Number	DCR Old	DCR New	Unit
S500-160-R	9.1	8.5	Ω
S500-200-R	6.8	6.6	Ω
S500-315-R	3.1	3	Ω
S500-400-R	2	1.95	Ω
S500-1-R	0.125	0.118	Ω
S500-1.25-R	0.096	0.083	Ω
S500-1.6-R	0.066	0.058	Ω
S500-2.5-R	0.034	0.032	Ω
S500-3.15-R	0.025	0.023	Ω
S500-8-R	0.01	0.0095	Ω
S506-1-R	0.0757	0.0745	Ω
S506-1.25-R	0.06	0.059	Ω
S506-1.6-R	0.0425	0.042	Ω
S506-6.3-R	0.0071	0.0073	Ω

With the unit weight increased, the carton package weights are changed

- BK: from 6.38 kg to 7.50 kg
- BK1: from 7.40 kg to 8.80 kg
- TR2: from 7.66 kg to 8.50 kg
- 5-in-1 package: from 5.406 kg to 5.77 kg

REASON FOR CHANGE:

To improve supply robustness through continued product improvement, including localization of main materials and introduction of alternate/second sources while maintaining required product performance and compliance.

EXPECTED INFLUENCE ON QUALITY, RELIABILITY, AND PERFORMANCE:

There is no influence to form and fit remain unchanged, functional performance remains compliant with applicable standards. Electrical parameter updates are as noted above.

PARTS FAMILIES AFFECTED:

S500 series (160 mA to 8 A)

S506 series (500 mA to 8 A)

Detailed part numbers are listed below.

TIME SCHEDULE:

The change will be implemented as a running change, starting from 2026/3/1

SAMPLE AVAILABILITY:

Available upon request

ISSUED BY:

Roald Bai

Product Manager – Circuit Protection

CONTACT INFORMATION:

For questions or comments, please [Contact us](#)

Part Numbers Affected

Item	Product Family	Material Number	Catalog Number
1	S500	S500-8-R	S500-8-R
2	S500	S500-800-R	S500-800-R
3	S500	S500-6.3-R	S500-6.3-R
4	S500	S500-630-R	S500-630-R
5	S500	S500-5-R	S500-5-R
6	S500	S500-500-R	S500-500-R
7	S500	S500-4-R	S500-4-R
8	S500	S500-400-R	S500-400-R
9	S500	S500-3.15-R	S500-3.15-R
10	S500	S500-315-R	S500-315-R
11	S500	S500-2-R	S500-2-R
12	S500	S500-2.5-R	S500-2.5-R
13	S500	S500-250-R	S500-250-R
14	S500	S500-200-R	S500-200-R
15	S500	S500-1-R	S500-1-R
16	S500	S500-1.6-R	S500-1.6-R
17	S500	S500-160-R	S500-160-R
18	S500	S500-1.25-R	S500-1.25-R
19	S500	BK-S500-V-8-R	BK/S500-V-8-R
20	S500	BK-S500-V-800-R	BK/S500-V-800-R
21	S500	BK-S500-V-6.3-R	BK/S500-V-6.3-R
22	S500	BK-S500-V-630-R	BK/S500-V-630-R
23	S500	BK-S500-V-5-R	BK/S500-V-5-R
24	S500	BK-S500-V-500-R	BK/S500-V-500-R
25	S500	BK-S500-V-4-R	BK/S500-V-4-R
26	S500	BK-S500-V-400-R	BK/S500-V-400-R

Item	Product Family	Material Number	Catalog Number
66	S500	BK1-S500-250-R	BK1/S500-250-R
67	S500	BK1-S500-200-R	BK1/S500-200-R
68	S500	BK1-S500-1-R	BK1/S500-1-R
69	S500	BK1-S500-1.6-RW	BK1/S500-1.6-RW
70	S500	BK1-S500-1.6-R	BK1/S500-1.6-R
71	S500	BK1-S500-160-R	BK1/S500-160-R
72	S500	BK1-S500-1.25-R	BK1/S500-1.25-R
73	S506	S506-8-R	S506-8-R
74	S506	S506-800-R	S506-800-R
75	S506	S506-6.3-R	S506-6.3-R
76	S506	S506-630-R	S506-630-R
77	S506	S506-5-R	S506-5-R
78	S506	S506-500-R	S506-500-R
79	S506	S506-4-R	S506-4-R
80	S506	S506-3.15-R	S506-3.15-R
81	S506	S506-2-R	S506-2-R
82	S506	S506-2.5-R	S506-2.5-R
83	S506	S506-1-R	S506-1-R
84	S506	S506-1.6-R	S506-1.6-R
85	S506	S506-1.25-R	S506-1.25-R
86	S506	BK-S506-V-8-R	BK/S506-V-8-R
87	S506	BK-S506-V-800-R	BK/S506-V-800-R
88	S506	BK-S506-V-6.3-R	BK/S506-V-6.3-R
89	S506	BK-S506-V-630-R	BK/S506-V-630-R
90	S506	BK-S506-V-5-R	BK/S506-V-5-R
91	S506	BK-S506-V-500-R	BK/S506-V-500-R

Item	Product Family	Material Number	Catalog Number
27	S500	BK-S500-V-315-R	BK/S500-V-315-R
28	S500	BK-S500-V-2-R	BK/S500-V-2-R
29	S500	BK-S500-V-2-5-R	BK/S500-V-2.5-R
30	S500	BK-S500-V-250-R	BK/S500-V-250-R
31	S500	BK-S500-V-200-R	BK/S500-V-200-R
32	S500	BK-S500-V-1-R	BK/S500-V-1-R
33	S500	BK-S500-V-1-6-R	BK/S500-V-1.6-R
34	S500	BK-S500-V-160-R	BK/S500-V-160-R
35	S500	BK-S500-V-1-25R	BK/S500-V-1.25R
36	S500	BK-S500-8-R	BK/S500-8-R
37	S500	BK-S500-800-R	BK/S500-800-R
38	S500	BK-S500-6-3-R	BK/S500-6.3-R
39	S500	BK-S500-630-R	BK/S500-630-R
40	S500	BK-S500-5-R	BK/S500-5-R
41	S500	BK-S500-500-R	BK/S500-500-R
42	S500	BK-S500-4-R	BK/S500-4-R
43	S500	BK-S500-400-R	BK/S500-400-R
44	S500	BK-S500-3-15-R	BK/S500-3.15-R
45	S500	BK-S500-315-R	BK/S500-315-R
46	S500	BK-S500-2-R	BK/S500-2-R
47	S500	BK-S500-2-5-R	BK/S500-2.5-R
48	S500	BK-S500-250-R	BK/S500-250-R
49	S500	BK-S500-200-R	BK/S500-200-R
50	S500	BK-S500-1-R	BK/S500-1-R
51	S500	BK-S500-1-6-R	BK/S500-1.6-R
52	S500	BK-S500-160-R	BK/S500-160-R
53	S500	BK-S500-1-25-R	BK/S500-1.25-R
54	S500	BK1-S500-8-R	BK1/S500-8-R
55	S500	BK1-S500-800-R	BK1/S500-800-R
56	S500	BK1-S500-6-3-R	BK1/S500-6.3-R
57	S500	BK1-S500-630-R	BK1/S500-630-R
58	S500	BK1-S500-5-R	BK1/S500-5-R
59	S500	BK1-S500-500-R	BK1/S500-500-R
60	S500	BK1-S500-4-R	BK1/S500-4-R
61	S500	BK1-S500-400-R	BK1/S500-400-R
62	S500	BK1-S500-3-15-R	BK1/S500-3.15-R
63	S500	BK1-S500-315-R	BK1/S500-315-R
64	S500	BK1-S500-2-R	BK1/S500-2-R
65	S500	BK1-S500-2-5-R	BK1/S500-2.5-R

Item	Product Family	Material Number	Catalog Number
92	S506	BK-S506-V-4-R	BK/S506-V-4-R
93	S506	BK-S506-V-3-15R	BK/S506-V-3.15R
94	S506	BK-S506-V-2-R	BK/S506-V-2-R
95	S506	BK-S506-V-2-5-R	BK/S506-V-2.5-R
96	S506	BK-S506-V-1-R	BK/S506-V-1-R
97	S506	BK-S506-V-1-6RJ	BK/S506-V-1.6RJ
98	S506	BK-S506-V-1-6-R	BK/S506-V-1.6-R
99	S506	BK-S506-8-R	BK/S506-8-R
100	S506	BK-S506-800-R	BK/S506-800-R
101	S506	BK-S506-6-3-R	BK/S506-6.3-R
102	S506	BK-S506-630-R	BK/S506-630-R
103	S506	BK-S506-5-R	BK/S506-5-R
104	S506	BK-S506-500-R	BK/S506-500-R
105	S506	BK-S506-4-R	BK/S506-4-R
106	S506	BK-S506-3-15-R	BK/S506-3.15-R
107	S506	BK-S506-2-R	BK/S506-2-R
108	S506	BK-S506-2-5-R	BK/S506-2.5-R
109	S506	BK-S506-1-R	BK/S506-1-R
110	S506	BK-S506-1-6-R	BK/S506-1.6-R
111	S506	BK-S506-1-25-R	BK/S506-1.25-R
112	S506	BK1-S506-8-R	BK1/S506-8-R
113	S506	BK1-S506-800-R	BK1/S506-800-R
114	S506	BK1-S506-6-3-RJ	BK1/S506-6.3-RJ
115	S506	BK1-S506-6-3-R	BK1/S506-6.3-R
116	S506	BK1-S506-630-R	BK1/S506-630-R
117	S506	BK1-S506-5-RJ	BK1/S506-5-RJ
118	S506	BK1-S506-5-R	BK1/S506-5-R
119	S506	BK1-S506-500-R	BK1/S506-500-R
120	S506	BK1-S506-4-RJ	BK1/S506-4-RJ
121	S506	BK1-S506-4-R	BK1/S506-4-R
122	S506	BK1-S506-3-15RJ	BK1/S506-3.15RJ
123	S506	BK1-S506-3-15-R	BK1/S506-3.15-R
124	S506	BK1-S506-2-RJ	BK1/S506-2-RJ
125	S506	BK1-S506-2-R	BK1/S506-2-R
126	S506	BK1-S506-2-5-R	BK1/S506-2.5-R
127	S506	BK1-S506-1-R	BK1/S506-1-R
128	S506	BK1-S506-1-6-R	BK1/S506-1.6-R
129	S506	BK1-S506-1-25-R	BK1/S506-1.25-R

Item	ELX Product Family	ELX Material Number	ELX Catalog Number	PCN#
1	S500	S500-8-R	S500-8-R	EE-PCN26015
2	S500	S500-800-R	S500-800-R	EE-PCN26015
3	S500	S500-6-3-R	S500-6.3-R	EE-PCN26015
4	S500	S500-630-R	S500-630-R	EE-PCN26015
5	S500	S500-5-R	S500-5-R	EE-PCN26015
6	S500	S500-500-R	S500-500-R	EE-PCN26015
7	S500	S500-4-R	S500-4-R	EE-PCN26015
8	S500	S500-400-R	S500-400-R	EE-PCN26015
9	S500	S500-3-15-R	S500-3.15-R	EE-PCN26015
10	S500	S500-315-R	S500-315-R	EE-PCN26015
11	S500	S500-2-R	S500-2-R	EE-PCN26015
12	S500	S500-2-5-R	S500-2.5-R	EE-PCN26015
13	S500	S500-250-R	S500-250-R	EE-PCN26015
14	S500	S500-200-R	S500-200-R	EE-PCN26015
15	S500	S500-1-R	S500-1-R	EE-PCN26015
16	S500	S500-1-6-R	S500-1.6-R	EE-PCN26015
17	S500	S500-160-R	S500-160-R	EE-PCN26015
18	S500	S500-1-25-R	S500-1.25-R	EE-PCN26015
19	S500	BK-S500-V-8-R	BK/S500-V-8-R	EE-PCN26015
20	S500	BK-S500-V-800-R	BK/S500-V-800-R	EE-PCN26015
21	S500	BK-S500-V-6-3-R	BK/S500-V-6.3-R	EE-PCN26015
22	S500	BK-S500-V-630-R	BK/S500-V-630-R	EE-PCN26015
23	S500	BK-S500-V-5-R	BK/S500-V-5-R	EE-PCN26015
24	S500	BK-S500-V-500-R	BK/S500-V-500-R	EE-PCN26015
25	S500	BK-S500-V-4-R	BK/S500-V-4-R	EE-PCN26015
26	S500	BK-S500-V-400-R	BK/S500-V-400-R	EE-PCN26015
27	S500	BK-S500-V-315-R	BK/S500-V-315-R	EE-PCN26015
28	S500	BK-S500-V-2-R	BK/S500-V-2-R	EE-PCN26015
29	S500	BK-S500-V-2-5-R	BK/S500-V-2.5-R	EE-PCN26015
30	S500	BK-S500-V-250-R	BK/S500-V-250-R	EE-PCN26015
31	S500	BK-S500-V-200-R	BK/S500-V-200-R	EE-PCN26015
32	S500	BK-S500-V-1-R	BK/S500-V-1-R	EE-PCN26015
33	S500	BK-S500-V-1-6-R	BK/S500-V-1.6-R	EE-PCN26015
34	S500	BK-S500-V-160-R	BK/S500-V-160-R	EE-PCN26015
35	S500	BK-S500-V-1-25R	BK/S500-V-1.25R	EE-PCN26015
36	S500	BK-S500-8-R	BK/S500-8-R	EE-PCN26015
37	S500	BK-S500-800-R	BK/S500-800-R	EE-PCN26015
38	S500	BK-S500-6-3-R	BK/S500-6.3-R	EE-PCN26015
39	S500	BK-S500-630-R	BK/S500-630-R	EE-PCN26015
40	S500	BK-S500-5-R	BK/S500-5-R	EE-PCN26015
41	S500	BK-S500-500-R	BK/S500-500-R	EE-PCN26015
42	S500	BK-S500-4-R	BK/S500-4-R	EE-PCN26015
43	S500	BK-S500-400-R	BK/S500-400-R	EE-PCN26015
44	S500	BK-S500-3-15-R	BK/S500-3.15-R	EE-PCN26015
45	S500	BK-S500-315-R	BK/S500-315-R	EE-PCN26015
46	S500	BK-S500-2-R	BK/S500-2-R	EE-PCN26015
47	S500	BK-S500-2-5-R	BK/S500-2.5-R	EE-PCN26015
48	S500	BK-S500-250-R	BK/S500-250-R	EE-PCN26015

49	S500	BK-S500-200-R	BK/S500-200-R	EE-PCN26015
50	S500	BK-S500-1-R	BK/S500-1-R	EE-PCN26015
51	S500	BK-S500-1-6-R	BK/S500-1.6-R	EE-PCN26015
52	S500	BK-S500-160-R	BK/S500-160-R	EE-PCN26015
53	S500	BK-S500-1-25-R	BK/S500-1.25-R	EE-PCN26015
54	S500	BK1-S500-8-R	BK1/S500-8-R	EE-PCN26015
55	S500	BK1-S500-800-R	BK1/S500-800-R	EE-PCN26015
56	S500	BK1-S500-6-3-R	BK1/S500-6.3-R	EE-PCN26015
57	S500	BK1-S500-630-R	BK1/S500-630-R	EE-PCN26015
58	S500	BK1-S500-5-R	BK1/S500-5-R	EE-PCN26015
59	S500	BK1-S500-500-R	BK1/S500-500-R	EE-PCN26015
60	S500	BK1-S500-4-R	BK1/S500-4-R	EE-PCN26015
61	S500	BK1-S500-400-R	BK1/S500-400-R	EE-PCN26015
62	S500	BK1-S500-3-15-R	BK1/S500-3.15-R	EE-PCN26015
63	S500	BK1-S500-315-R	BK1/S500-315-R	EE-PCN26015
64	S500	BK1-S500-2-R	BK1/S500-2-R	EE-PCN26015
65	S500	BK1-S500-2-5-R	BK1/S500-2.5-R	EE-PCN26015
66	S500	BK1-S500-250-R	BK1/S500-250-R	EE-PCN26015
67	S500	BK1-S500-200-R	BK1/S500-200-R	EE-PCN26015
68	S500	BK1-S500-1-R	BK1/S500-1-R	EE-PCN26015
69	S500	BK1-S500-1-6-RW	BK1/S500-1.6-RW	EE-PCN26015
70	S500	BK1-S500-1-6-R	BK1/S500-1.6-R	EE-PCN26015
71	S500	BK1-S500-160-R	BK1/S500-160-R	EE-PCN26015
72	S500	BK1-S500-1-25-R	BK1/S500-1.25-R	EE-PCN26015
73	S506	S506-8-R	S506-8-R	EE-PCN26015
74	S506	S506-800-R	S506-800-R	EE-PCN26015
75	S506	S506-6-3-R	S506-6.3-R	EE-PCN26015
76	S506	S506-630-R	S506-630-R	EE-PCN26015
77	S506	S506-5-R	S506-5-R	EE-PCN26015
78	S506	S506-500-R	S506-500-R	EE-PCN26015
79	S506	S506-4-R	S506-4-R	EE-PCN26015
80	S506	S506-3-15-R	S506-3.15-R	EE-PCN26015
81	S506	S506-2-R	S506-2-R	EE-PCN26015
82	S506	S506-2-5-R	S506-2.5-R	EE-PCN26015
83	S506	S506-1-R	S506-1-R	EE-PCN26015
84	S506	S506-1-6-R	S506-1.6-R	EE-PCN26015
85	S506	S506-1-25-R	S506-1.25-R	EE-PCN26015
86	S506	BK-S506-V-8-R	BK/S506-V-8-R	EE-PCN26015
87	S506	BK-S506-V-800-R	BK/S506-V-800-R	EE-PCN26015
88	S506	BK-S506-V-6-3-R	BK/S506-V-6.3-R	EE-PCN26015
89	S506	BK-S506-V-630-R	BK/S506-V-630-R	EE-PCN26015
90	S506	BK-S506-V-5-R	BK/S506-V-5-R	EE-PCN26015
91	S506	BK-S506-V-500-R	BK/S506-V-500-R	EE-PCN26015
92	S506	BK-S506-V-4-R	BK/S506-V-4-R	EE-PCN26015
93	S506	BK-S506-V-3-15R	BK/S506-V-3.15R	EE-PCN26015
94	S506	BK-S506-V-2-R	BK/S506-V-2-R	EE-PCN26015
95	S506	BK-S506-V-2-5-R	BK/S506-V-2.5-R	EE-PCN26015
96	S506	BK-S506-V-1-R	BK/S506-V-1-R	EE-PCN26015
97	S506	BK-S506-V-1-6RJ	BK/S506-V-1.6RJ	EE-PCN26015
98	S506	BK-S506-V-1-6-R	BK/S506-V-1.6-R	EE-PCN26015

99	S506	BK-S506-8-R	BK/S506-8-R	EE-PCN26015
100	S506	BK-S506-800-R	BK/S506-800-R	EE-PCN26015
101	S506	BK-S506-6-3-R	BK/S506-6.3-R	EE-PCN26015
102	S506	BK-S506-630-R	BK/S506-630-R	EE-PCN26015
103	S506	BK-S506-5-R	BK/S506-5-R	EE-PCN26015
104	S506	BK-S506-500-R	BK/S506-500-R	EE-PCN26015
105	S506	BK-S506-4-R	BK/S506-4-R	EE-PCN26015
106	S506	BK-S506-3-15-R	BK/S506-3.15-R	EE-PCN26015
107	S506	BK-S506-2-R	BK/S506-2-R	EE-PCN26015
108	S506	BK-S506-2-5-R	BK/S506-2.5-R	EE-PCN26015
109	S506	BK-S506-1-R	BK/S506-1-R	EE-PCN26015
110	S506	BK-S506-1-6-R	BK/S506-1.6-R	EE-PCN26015
111	S506	BK-S506-1-25-R	BK/S506-1.25-R	EE-PCN26015
112	S506	BK1-S506-8-R	BK1/S506-8-R	EE-PCN26015
113	S506	BK1-S506-800-R	BK1/S506-800-R	EE-PCN26015
114	S506	BK1-S506-6-3-RJ	BK1/S506-6.3-RJ	EE-PCN26015
115	S506	BK1-S506-6-3-R	BK1/S506-6.3-R	EE-PCN26015
116	S506	BK1-S506-630-R	BK1/S506-630-R	EE-PCN26015
117	S506	BK1-S506-5-RJ	BK1/S506-5-RJ	EE-PCN26015
118	S506	BK1-S506-5-R	BK1/S506-5-R	EE-PCN26015
119	S506	BK1-S506-500-R	BK1/S506-500-R	EE-PCN26015
120	S506	BK1-S506-4-RJ	BK1/S506-4-RJ	EE-PCN26015
121	S506	BK1-S506-4-R	BK1/S506-4-R	EE-PCN26015
122	S506	BK1-S506-3-15RJ	BK1/S506-3.15RJ	EE-PCN26015
123	S506	BK1-S506-3-15-R	BK1/S506-3.15-R	EE-PCN26015
124	S506	BK1-S506-2-RJ	BK1/S506-2-RJ	EE-PCN26015
125	S506	BK1-S506-2-R	BK1/S506-2-R	EE-PCN26015
126	S506	BK1-S506-2-5-R	BK1/S506-2.5-R	EE-PCN26015
127	S506	BK1-S506-1-R	BK1/S506-1-R	EE-PCN26015
128	S506	BK1-S506-1-6-R	BK1/S506-1.6-R	EE-PCN26015
129	S506	BK1-S506-1-25-R	BK1/S506-1.25-R	EE-PCN26015

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