



Product Change Notice (PCN)

Date: 1/9/2026

PCN Number: PCN-0456207-01

To Our Customers:

We appreciate your use of our products. Our commitment in maintaining and improving processes is demonstrated by plans to enhance our product quality, reliability, and manufacturability. The purpose of this notice is to inform you of a product change.

Product(s) Affected: SJ1-251X-SMT Series: SJ1-2513-SMT-TR & SJ1-2515-SMT-TR

Reason(s) for Change: *Factory Location Change*

Description of Change:

- 1) *Housing Differences.*
- 2) *PCB Layout Amendment*
- 3) *Housing material change from PA6T to PA10T*
- 4) *Pin material Changes – Pin 1: Brass to Phosphor bronze. Pin 2: BE-CU to Stainless Steel. Pin 3: BE-CU to Stainless Steel. Pin 10 Brass to Phosphor bronze. Pin 11 Brass to Phosphor bronze*
- 5) *Solder profile update*
- 6) *Tape and Reel drawing update*

Affected Date Code: 1/9/2026

Please see drawing below for reference and refer to the updated drawing on the Same Sky website.

PREVIOUS SAME SKY DETAIL / IMAGE	NEW SAME SKY DETAIL / IMAGE

PREVIOUS SAME SKY DETAIL / IMAGE

DESCRIPTION	MATERIAL	PLATING/COLOR
terminal 1	brass	gold
terminal 2	BE-CU	gold
terminal 3	BE-CU	gold
terminal 10	brass	gold
terminal 11	brass	gold
housing	PA6T	black

SOLDERABILITY

parameter	conditions/description	min	typ	max	units
refl storage	5-35°C, 65% humidity				°C
reflow soldering	see reflow profile		260		°C
drying conditions	parts in reflow bake at 40±5°C for 72 hours parts removed from reflow bake at 40±5°C for 10 hours				

Note: 1. QSP Device recommends to solder within 12 hours from shipping, vacuum packaging at temperature <25°C relative humidity <65%.

Temperature (°C) vs Time (s)

260
250
240
230
220
210
200
190
180
170
160
150
140
130
120
110
100
90
80
70
60
50
40
30
20
10
0

Time (s)

260
250
240
230
220
210
200
190
180
170
160
150
140
130
120
110
100
90
80
70
60
50
40
30
20
10
0

260
250
240
230
220
210
200
190
180
170
160
150
140
130
120
110
100
90
80
70
60
50
40
30
20
10
0

260
250
240
230
220
210
200
190
180
170
160
150
140
130
120
110
100
90
80
70
60
50
40
30
20
10
0

NEW SAME SKY DETAIL / IMAGE

DESCRIPTION	MATERIAL	PLATING/COLOR
terminal 1	phosphor bronze t=0.30	gold
terminal 2	stainless steel t=0.20	gold
terminal 3	stainless steel t=0.20	gold
terminal 10	phosphor bronze t=0.20	gold
terminal 11	phosphor bronze t=0.20	gold
housing	PA10T (UL94V-0)	black
cover	PA10T (UL94V-0)	black

SOLDERABILITY

parameter	conditions/description	min	typ	max	units
refl storage	5-35°C, <70% humidity				°C
reflow soldering	see reflow profile			260	°C
drying conditions	bake at 120°C for 4 hours				

Temperature (°C) vs Time (s)

300
280
260
240
220
200
180
160
140
120
100
80
60
40
20
0

Time (s)

300
280
260
240
220
200
180
160
140
120
100
80
60
40
20
0

300
280
260
240
220
200
180
160
140
120
100
80
60
40
20
0

300
280
260
240
220
200
180
160
140
120
100
80
60
40
20
0

PREVIOUS SAME SKY DETAIL / IMAGE	NEW SAME SKY DETAIL / IMAGE
PACKAGING units: mm Reel Size: 8000 mm Reel QTY: 800 pcs per reel	PACKAGING units: mm Reel Size: 8000 mm Reel QTY: 800 pcs per reel

Product Availability: *Pertaining to market availability. Pre-PCN product will be shipped first if available at the discretion of Same Sky*

PCN Approval:

Operations/Quality

Roger D. Davis

Product Management

[Signature]