



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

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
reel storage	30°C, 50% humidity				°C
reflow soldering	see reflow profile		260		°C
drying conditions	parts in reel bake at 45±5°C for 72 hours parts removed from reel bake at 45±5°C for 10 hours				

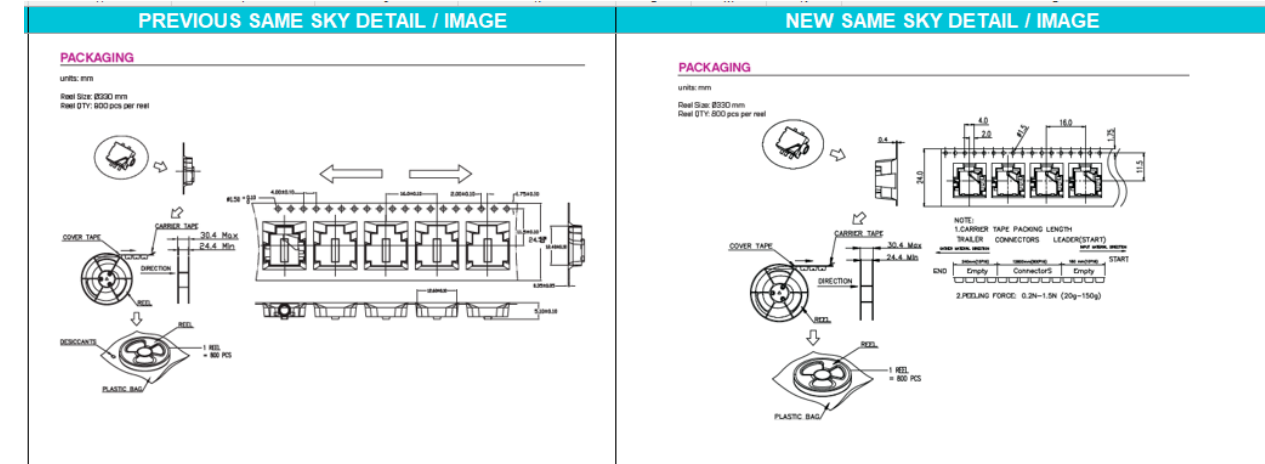
Note: 1. G3 Devices recommends to solder within 72 hours from opening vacuum packaging in a temperature <35°C relative humidity <60%.

Reflow profile graph showing temperature (°C) vs time (min). The profile starts at 150°C, ramps up to 260°C at 2.5 min, holds at 260°C for 90 s, and then ramps down. A note indicates 'flow leads soldering equipment'.

SOLDERABILITY

parameter	conditions/description	min	typ	max	units
reel storage	5-35°C, <75% humidity				°C
reflow soldering	see reflow profile			260	°C
drying conditions	bake at 120°C for 4 hours				

Reflow profile graph showing temperature (°C) vs time (min). The profile starts at 150°C, ramps up to 180°C at 1 min (5°C/s), then to 250°C at 90 s. It holds at 250°C for 1 min (4°C/s), then ramps up to 260°C for 10 s, and finally to 228°C for 60 s. A note indicates 'Temperature measurement point: resin surface'.



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

Robert Davies

Product Management

