

Datakey – Product Change Notification

PCN Number:

20260206

Notice Date:

06 February 2026

Notification Subject:

Product Change Notification (PCN)

Summary Description:

Datakey SlimLine™ receptacle contacts currently utilize a wear mechanism consisting of a “gold dot” that is located on the top of each contact. This “gold dot” is what makes contact with the Datakey memory token’s contact finger, providing a sacrificial wear surface.

Each “gold dot” is formed when gold wire is spot welded to the contact. This process introduces production inefficiencies that can be alleviated with more modern selective plating processes, allowing for scalable production and derisking of supply chain. All Datakey SlimLine receptacles are transitioning away from using the welded “gold dot”, replacing it with an equivalent wear surface using a selective gold plating process. This new wear surface will be referred to as a “gold dome” to distinguish it from the older “gold dot” wear surface.

The chart below shows the part numbers for all Datakey SlimLine receptacles, each with its corresponding new part number that will use the new “gold dome” contacts. Note: the new part number is the same as the existing part number except that the final four characters will start with the number “1” instead of the number “0”. The existing “gold dot” receptacles will be produced for a limited time to fulfill existing orders and allow existing customers to update their documentation. Lead times for receptacles utilizing “gold dot” contacts are extended, so customers are encouraged to switch to the new receptacle part numbers as soon as possible.

Affected Products:

Model Number/Description	Existing “Gold Dot” P/N	New “Gold Dome” P/N
SR4210PCB Board-Mount Receptacle	606-0050-000A	606-0050-100A
SR4210PCB w/ Straight Pins	606-0050-001A	606-0050-101A
SR4210SM Board-Mount Receptacle	606-0050-004A	606-0050-104A
SR4210PCB in Moisture Packaging	606-0050-005A	606-0050-105A
SR4210 Panel-Mount Receptacle	606-0051-000A	606-0051-100A
SR4210 w/o PCB	606-0051-003A	606-0051-103A
SR4220PCB Board-Mount Receptacle	606-0055-000A	606-0055-100A
SR4220VRT Board-Mount Receptacle	606-0055-003A	606-0055-103A
SR4220SM Board-Mount Receptacle	606-0055-004A	606-0055-104A
SR4230PCB Board-Mount Receptacle	606-0057-000A	606-0057-100A
SR4230SM Board Mount Receptacle	606-0057-004A	606-0057-104A
SR4210 w/o Stake Pins	606-0062-000A	606-0062-100A

Chart continued on next page.

Model Number/Description	Existing "Gold Dot" P/N	New "Gold Dome" P/N
SR4310SP Panel-Mount Receptacle	606-0067-000A	606-0067-100A
SR4310IM Panel-Mount Receptacle	606-0067-001A	606-0067-101A
SR4310EI Panel-Mount Receptacle	606-0067-002A	606-0067-102A
SR4310CI Panel-Mount Receptacle	606-0067-003A	606-0067-103A
SR4310SL Panel-Mount Receptacle	606-0067-010A	606-0067-110A
SR4310IL Panel-Mount Receptacle	606-0067-011A	606-0067-111A
SR4310EL Panel-Mount Receptacle	606-0067-012A	606-0067-112A
SR4310CL Panel-Mount Receptacle	606-0067-013A	606-0067-113A
SR4310CF Panel-Mount Receptacle	606-0067-023A	606-0067-123A
SR4310SL Panel-Mount Receptacle	606-0067-030A	606-0067-130A
SR4310IF Panel-Mount Receptacle	606-0067-031A	606-0067-131A
SR4310CF Panel-Mount Receptacle	606-0067-033A	606-0067-133A
SR4310CL Panel-Mount Receptacle	606-0067-043A	606-0067-143A
SR4410SP Panel-Mount Receptacle	606-0071-000A	606-0071-100A
SR4410IM Panel-Mount Receptacle	606-0071-001A	606-0071-101A
SR4410EI Panel-Mount Receptacle	606-0071-002A	606-0071-102A
SR4410CI Panel-Mount Receptacle	606-0071-003A	606-0071-103A
SR4410SL Panel-Mount Receptacle	606-0071-010A	606-0071-110A
SR4410IL Panel-Mount Receptacle	606-0071-011A	606-0071-111A
SR4410EL Panel-Mount Receptacle	606-0071-012A	606-0071-112A
SR4410CL Panel-Mount Receptacle	606-0071-013A	606-0071-113A
SR4410SF Panel-Mount Receptacle	606-0071-030A	606-0071-130A
SR4410IF Panel-Mount Receptacle	606-0071-031A	606-0071-131A
SR4410CF Panel-Mount Receptacle	606-0071-033A	606-0071-133A
UR4210 Panel-Mount Receptacle	606-0073-000A	606-0073-100A
UR4310SP Panel-Mount Receptacle	606-0074-000A	606-0074-100A
UR4310IM Panel-Mount Receptacle	606-0074-001A	606-0074-101A
UR4310EI Panel-Mount Receptacle	606-0074-002A	606-0074-102A
UR4410SP Panel-Mount Receptacle	606-0078-000A	606-0078-100A
UR4410IM Panel-Mount Receptacle	606-0078-001A	606-0078-101A
UR4410EI Panel-Mount Receptacle	606-0078-002A	606-0078-102A
Special SR4210PCB .88" Receptacle	699-0054-002A	699-0054-102A
Special SR4210 w/ Locking Connector	699-0107-002A	699-0107-102A
Special SR4310EI Fluorosilicone Gskt.	699-0104-000A	699-0104-100A
Special SR4310EI with No Header	699-0114-000A	699-0114-100A
Special SR4410EI with SPI Line Driver	699-0159-002A	699-0159-102A
Special SR4310EI Modified Receptacle	699-0160-002A	699-0160-102A

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Details of Notice:

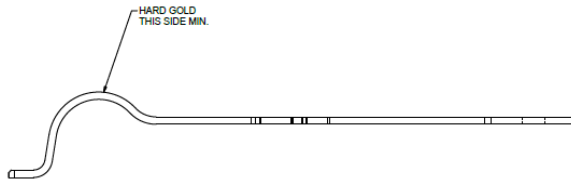
Contacts used in Datakey SlimLine receptacles are changing to an improved manufacturing method.

What's Changing?

Contact Wear Surface

The “gold dot” wear surface is being replaced by a selective plating process consisting of 50 microinches (minimum) of hard gold over 100 microinches (minimum) of nickel underplating. The new “gold dome” wear surface is located in the same area of the contact as the “gold dot” was, at the top of the rounded portion of the contact.

Location of “Gold Dot” and “Gold Dome” Wear Surfaces:



Contact Plating

The “gold dome” contacts will also utilize gold flash plating over the entire contact. This gold flash improves corrosion resistance in harsh environments and provides an excellent finish for soldering.

Part Numbers

See above for a mapping from “old” to “new” part numbers.

What's Not Changing?

Contact And Receptacle Design

The base material and shape of the contact is not changing, nor is the insertion method of the contacts or the rest of the receptacle housings.

Cycle Life

SlimLine receptacles with “gold dot” contacts were rated for 50,000 insertion/removal cycles. The receptacles using the new “gold dome” contacts are also rated for 50,000 insertion/removal cycles. See testing information below.

Pricing

There is no change in pricing associated with the change from “gold dot” contacts to “gold dome” contacts.

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What Testing Has Been Performed?

ATEK Access Technologies has performed both insertion/removal cycle life testing and salt fog testing. Both tests showed that the new “gold dome” contacts performed equivalent to the older “gold dot” contacts.

Important Dates/Timing

Orders Accepted for Receptacles with the New “Gold Dome” Contacts:	Immediately
Last Time Buy (LTB) Date for SlimLine Receptacles with “Gold Dot” Contacts:	Mar. 31, 2026
Order quantities for receptacles with “Gold Dot” contacts may be limited.	
Production Orders for Receptacles with New “Gold Dome” Contacts Start Shipping:	May 28, 2026
Last Time Shipment (LTS) Date for SlimLine Receptacles with “Gold Dot” Contacts:	July 30, 2026

If you have any questions regarding this PCN, please contact the Datakey Customer Care Team.

Contact Information:

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