

Product Change Notice

PCN-201101

Date of Publication: 11/03/2020

Description of Change:

DDR4 SODIMM socket phase out, change to replacement to extend product life cycle.

No function impact to the effected models. Please refer to appendix for the comparison chart.

Affected Product Model No.:

SOM-5899 all series includes STD, T-P/N, fixed BOM P/N

SOM-6869 all series includes STD, T-P/N, fixed BOM P/N

SOM-6882 all series includes STD, T-P/N, fixed BOM P/N

Phase Out P/N	Replacement P/N
1. 1651003080-01 DDR4 SODIMM H=4mm 260P AS0A826-H4SB-7H	1. 1651003080-02 DDR4 SODIMM H=4mm 260P ADDR0205-P002A

Potential impacts to customers:

PCB: no change required

BIOS: no change required

EC Firmware: no change required

OS: no change required

Driver: no change required

Ordering Information:

No Change

Impact of change & recommended action date:

STD-P/N Users:

All STD-P/N will adopt the replacement SODIMM socket. **ECOM-165979(SOM-6882)** was released on Aug. 20th, 2020 & **ECOM-168341** (SOM-5899&SOM-6898) will be released on Nov. 13th, 2020.

T-P/N & Fixed BOM P/N users:

For T-P/N, all T-P/N will implement this change on Nov. 30th, 2020.

For fixed BOM P/N, please get customers approval and adopt these new parts as replacements.

Key Information & Milestones:

ECOM number: **ECOM-165979(SOM-5899)**, **ECOM-168341** (SOM-5899&SOM-6898)

ECOM released date: **August 20th, 2020 / November 13th, 2020**

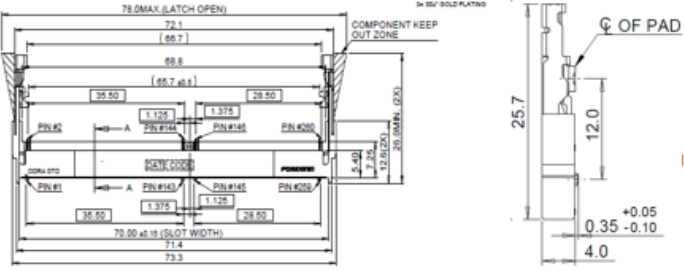
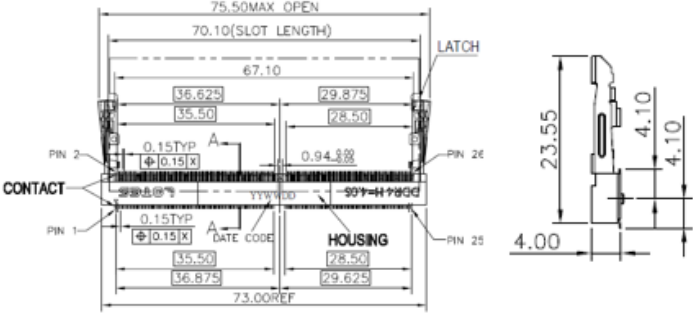


Last Time Buy date: N/A

Issue by	PM: Erin.Hu
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Appendix

- Top side of the board

Comparison between 1651003080-01& 1651003080-02

1651003080-01	1651003080-02
 <p>Technical drawing of connector 1651003080-01. The top view shows a rectangular component with a slot width of 70.00 ±0.15 (71.4 total width) and a slot length of 70.10. Dimensions include 78.5MAX (LATCH OPEN), 72.1 (66.7), 66.8 (60.7 ±0.1), 35.50, 1.125, 1.375, 28.50, PIN#2, PIN#154, PIN#156, PIN#200, PIN#1, PIN#145, PIN#147, PIN#200, 70.00 ±0.15 (SLOT WIDTH), 71.4, 73.3, 20.0 (MIN. DIM), 4.00, 12.0, 25.7, 0.35 ±0.10, and 4.0. A side view shows a latch mechanism with a diameter of the pad (Φ OF PAD) and a height of 12.0. A note indicates 'COMPONENT KEEP OUT ZONE' and '24 20V GOLD PLATING'.</p>	 <p>Technical drawing of connector 1651003080-02. The top view shows a rectangular component with a slot length of 70.10 (SLOT LENGTH) and a total width of 73.00REF. Dimensions include 75.50MAX OPEN, 67.10, 36.625, 29.875, 35.50, 28.50, 0.15TYP, 0.15TYP, 0.94 ±0.08, PIN 26, PIN 1, PIN 25, 4.00, 23.55, 4.10, 4.10, 73.00REF, 35.50, 36.875, 29.625, 28.50, 0.15TYP, DATE CODE, HOUSING, and CONTACT. A side view shows a latch mechanism with a height of 23.55 and a width of 4.10.</p>
 <p>Photograph of connector 1651003080-01 installed on a green PCB. The component is black with a silver latch and is mounted on a green PCB with various components.</p>	 <p>Photograph of connector 1651003080-02 installed on a green PCB. The component is black with a silver latch and is mounted on a green PCB with various components.</p>