

## Terminal Material Change Notification

JAE will be changing the plating material to affected part numbers below due to the withdrawal of the material manufacturer (Furukawa Electric Co., Ltd.) from the reflow tin plating business.

Please contact a JAE representative with any questions or requests for documentation.

### 1. Affected Part Numbers

No	Part Numbers	JAE Drawing Number
1	M44S05K4F1	SJ107063
2	M47S65H2FA	SJ109559
3	M47S65H3FA	SJ109560
4	M47S65H4FA	SJ109561

### 2. Description of Change

Characteristics	Before	After
Material Name	FAS680	CAC60
Chemical Composition	Cu-2.3Ni-0.55Si-0.5Zn-0.15Sn-0.1Mg	Cu-1.8Ni-0.4Si-1.1Zn-0.1Sn
Plating	Reflow tin	
Plating Thickness	1 μm Min	
Specific Gravity	8.8	8.9
Electrical Conductivity	40% IACS	44% IACS
Electrical Resistivity	43 nΩ · m	39.2 nΩ · m
Modulus Elasticity	132 GPa	127 GPa
Manufacturer	Furukawa Electric Co., Ltd.	Kobe Steel, Ltd

### **3. Schedule**

JAE will have a target timeline of Q2 2027 to start shipping parts with the new plating. However, the exact timing will depend on our test schedule and customer approval.

If you have any questions regarding this matter, please contact your JAE account manager.  
Thank you for your cooperation.

