

July 7, 2015

Notice of Change: ZIP Semiconductor probe part number update and consolidation

Summary:

This is a follow up to my 20 April communication about changes to ZIP part nomenclature. This notice announces implementation of the changes as outlined below. Customers may continue to order per the old part number. Our customer service group will convert the part numbers and respond with the new part number.

Updated Sales Model Drawings are now available for distribution.

What is driving this change:

ECT is updating the part number structure for the ZIP series. This update brings focus to the base material in differentiating ZIP part nomenclature, (HyperCore™ or BeCu based product families) . In addition, our manufacturing processes have improved to the point where there is significantly less process variation. This directly translates to more consistent probe-to-probe and lot-to-lot electrical and mechanical performance. This eliminates the need for various performance sort categories. ZIP part numbers will now identify pitch, base material, tip style and where appropriate it will also indicate spring force. We are not changing the fit, form or function of the ZIP probes.

What we are changing:

1. There are no longer parts with Z1, Z2, Z8 and ZK designations. These part numbers now map to one part number "Z". :

Z = Standard Length (HyperCore or BeCu)

2. All current tip styles will continue to be offered.

3. Some DUT tip styles are material specific:

J = BeCu only

D, Y & R = HyperCore Only

4. To designate BeCu vs. HyperCore, an "H" has been added after the DUT-side tip style.

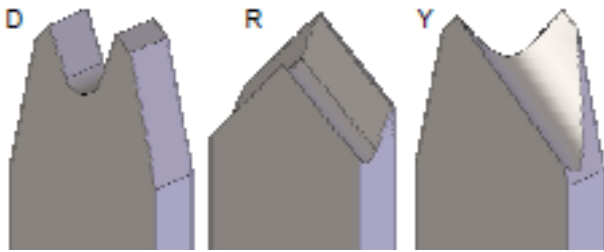
Example: where Z-040BHJ = HyperCore. Z-040BJ = BeCu

5. Probes with DUT side plungers made from BeCu target the BI or Lab test applications and will have an expected service life to 50,000 cycles.

- 6. Probes with DUT side plungers made from HyperCore target high volume production applications and have an expected service life of 500,000 cycles.
- 7. Z0 = Super Short. (HyperCore) part numbers do not change.

New Probe Tip Offerings:

ZIP probes are now offered with 3 new DUT side tip styles. The D and Y tips are designed for contact with BGA devices while the R tip is for flat lead devices such as QFNs. The R and Y tips are very sharp and capable of penetrating DUT lead contamination with lower force than conventional tip geometries.



Part Number Cross Reference:

Z1 Maps to Z

Old Z1	New Z	Material
Z1-040BHJ	Z-040BHJ	HyperCore
Z1-040LHJ	Z-040LHJ	HyperCore
Z1-040DHJ	Z-040DHJ	HyperCore
Z1-040YHJ	Z-040YHJ	HyperCore
Z1-040RHJ	Z-040RHJ	HyperCore
Z1-040LJ	Z-040LJ	Becu
Z1-040BJ	Z-040BJ	Becu
Z1-040JJ	Z-040JJ	Becu
Z1-050BHJ	Z-050BHJ	HyperCore
Z1-050LHJ	Z-050LHJ	HyperCore
Z1-050DHJ	Z-050DHJ	HyperCore
Z1-050YHJ	Z-050YHJ	HyperCore
Z1-050RHJ	Z-050RHJ	HyperCore
Z1-050LJ	Z-050LJ	Becu
Z1-050BJ	Z-050BJ	Becu
Z1-050JJ	Z-050JJ	Becu

Z2 Maps to Z

Old Z1	New Z	Material
Z2-040BHJ	Z-040BHJ	HyperCore
Z2-040LHJ	Z-040LHJ	HyperCore
Z2-040BJ	Z-040BJ	Becu
Z2-040JJ	Z-040JJ	Becu
Z2-040LJ	Z-040LJ	Becu
Z2-040KHJ	Z-040KHJ	HyperCore
Z2-040KJ	Z-040KJ	BeCu
Z2-040BJ-2	Z-040BJ-2	Becu
Z2-040LJ-2	Z-040LJ-2	Becu
Z2-050LHJ	Z-050LHJ	HyperCore
Z2-050BJ	Z-050BJ	Becu
Z2-050JJ	Z-050JJ	Becu
Z2-050LJ	Z-050LJ	Becu

Z8 Maps to Z

Old Z8	New Z	Material
Z8-040BJ	Z-040BJ	Becu
Z8-040JJ	Z-040JJ	Becu
Z8-040LJ	Z-040LJ	Becu
Z8-050BJ	Z-050BJ	Becu
Z8-050JJ	Z-050JJ	Becu
Z8-050LJ	Z-050LJ	Becu

ZM Maps to Z

Old Z8	New Z	Material
ZM-040YH	Z-040YHJ	HyperCore
ZM-040RH	Z-040RHJ	HyperCore
ZM-050YH	Z-050YHJ	HyperCore
ZM-050RH	Z-050RHJ	HyperCore

Thanks and please direct your questions to me.

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