

Product Name:	HPL – 629	
	Microspeed RA Combo	
Product Manager:	Chen Bruce	
Subject:	Notification of Planned Change	
Distribution:	Affected customers	
Type of Change:	Location Change	
Change Description:	1. Addition of new stamping and plating capability and material localization for Amphenol Nantong site. 2. Localization with alternate materials for the Combo connection plate. Change of contact material from C75700(CuNi12Zn24) to C75200(CuNi18Zn18)	
Reason for Change:	1. For capacity enhancement, the component can be sourced from existing Amphenol FCI Besancon France site and locally in China for Amphenol Nantong site. 2. To mitigate shortage of contact raw materials, introduced alternate similar material source.	
Affected Parts:	See Affected Parts.xls	
Effective Date of Change:	October,15 2026	
Last Time Buy Date:	NA	
Earliest Disty Return Date:	NA	
Last Time Shipment Date	NA	
Datasheet Attached?	Yes	
Qual/Test Data Attached?	Yes	
Samples Availability Date:	30 September ,2026	
Available Alternatives?		
Questions?	<i>Contact your local ACS Representative, or Product Manager</i>	
	<i>Chen Bruce / Product Manager</i>	
	<i>Bruce.Chen@amphenol-fci.com</i>	

Note:

Customers should contact Product Line Manager (or their local Amphenol Representative) directly regarding any concern on the PCN. Lack of any such customer feedback within three weeks of PCN release date will be interpreted as non-objection .

Material comparison verification

-- Microspeed Combo connector
10147075

Created on 15th July 2026

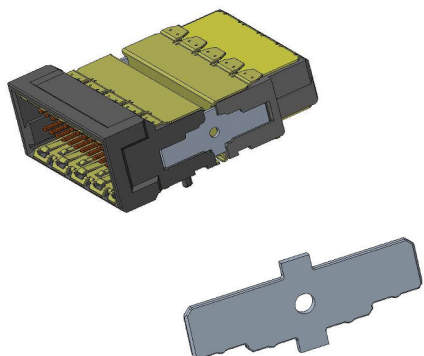
Created on 23th July 2026



Background

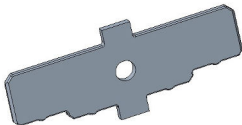
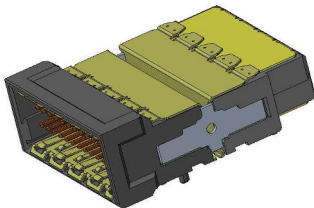


On Combo connection plate, the raw material is C75700 (CuNi12Zn24), we checked with Wieland, the lead time is 6 months with 5 Ton MOQ,
So we'd like to recommend another similar material C75200 (CuNi18Zn18), see attachments for the material data sheet comparison.

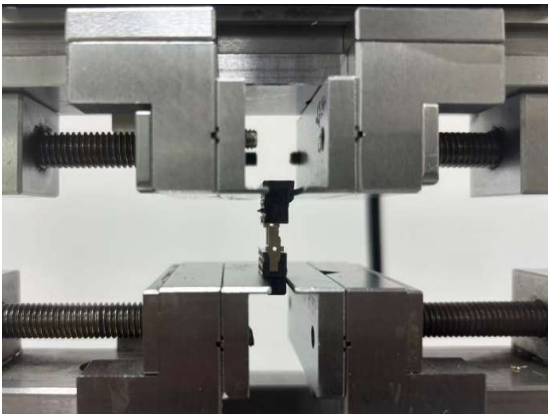
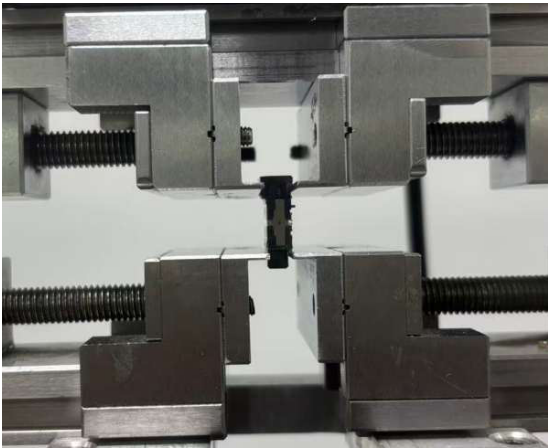


Raw material	C75700(current) (CuNi12Zn24)	C75200 (new) (CuNi18Zn18)
Cu	63.5%-66.5%	63%-66.5%
Ni	11%-13%	16.5%-19.5%
Fe	< 0.25%	< 0.25%
Zn	Reminder	Reminder
TENSILE STRENGTH	490 - 580 N/mm2	440-570N/mm2
YIELD STRENGTH	>400 N/mm2	>250N/mm2

Retention force comparison



item	C75700(current) (CuNi12Zn24)	C75200 (new) (CuNi18Zn18)
1	18.20N	20.00N
2	17.20N	19.10N
3	17.50N	18.90N
4	18.90N	20.30N
5	19.30N	17.90N
Avg	18.22N	19.24N
Min	17.20N	17.90N
Max	19.30N	20.30N



Thank You

