



Aptiv Services Deutschland GmbH
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Customer Communication N°: 1
Date : 03-Aug-26

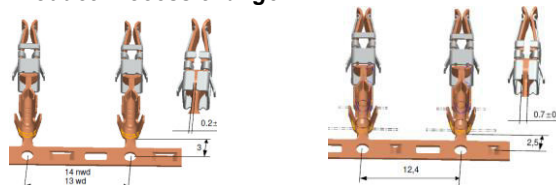
From : Efehan Alay	Fax N° :
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Object: APTIV external communication about Product End Of Lifetime

This proposition is sent for :		Approval request before change project launching
	X	Capacity project information
		Change start of production information (with first product delivery)

Detailed data regarding the Product/Process change

Due to DCS2 2.8 capacity extension the replacement parts change their part numbers. Also crimping procession changes:
(You can find a more detailed description on the next page)



Description	Old Delphi PN			New Aptiv PN		
	APTIV PN / Customer PN	Product name	part level	APTIV PN	Product name	part level
	6 001 29 41/10779097	F DCS-2 2.8 SEALED		33523146	F DCS-2 2.8 sealed 2-out	
	6 001 29 31/10789065	F DCS-2 2.8 SEALED		33523143	F DCS-2 2.8 sealed 2-out	

Change description	Object : In order to fulfill a complete part number switch for all harness makers that buy our DCS2 2.8 contacts it is planned to perform a step by step switch. The declared target is to replace all orders of the old part numbers with the new part numbers. The whole replacement process must not take longer than 6 months. Our supply of the older versions will stop after this time frame.	
	Reason: ☐ Quality improvement ☒ Technical product/process improvement ☐ Restart of production after one year stop ☐ Manufacturing location transfer ☐ Bill of matériel updating	☐ Cost reduction ☒ Product version creation/suppression ☒ Capacity increase ☐ Documents updating ☐ Packaging box / volume

Time Schedule

Notification and recognition	Sample shipment and internal trials	Finish of the change process and implementation of the updated orders
CW32		
	CW34	
		CW04/2027

Note: This time schedule is recommended. Finishing the change before CW04/2027 is highly preferred!

Contact persons to turn to:	Engineering:	maxime.porte@aptiv.com
	PPAP:	nmqualitydocument@aptiv.com
	Samples:	efehan.alay@aptiv.com

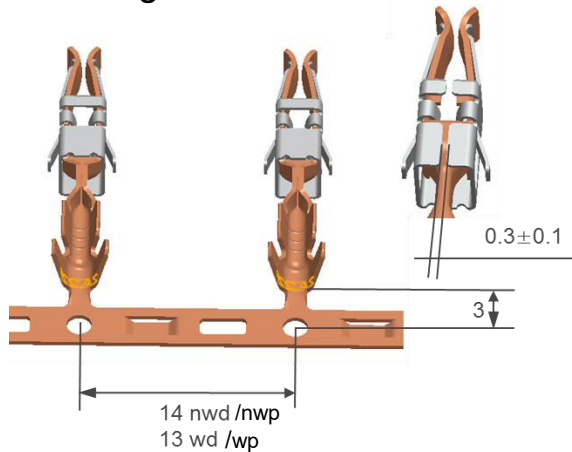


FEMALE CONTACT DCS-2 2.8 WP, NWP

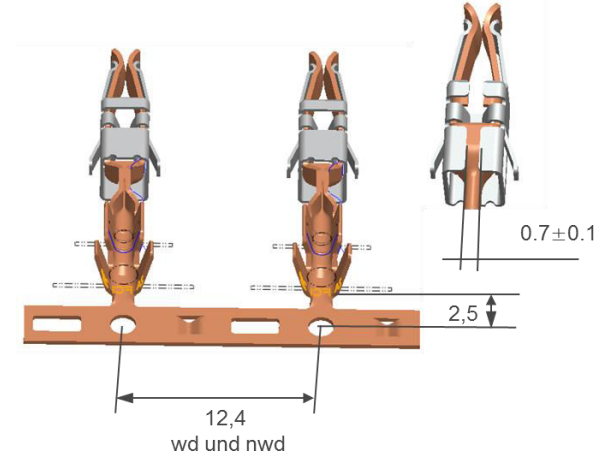
2-OUT DIE

Female contact DCS-2 2.8mm

- **Comparison stamp tool 1-out die versus 2-out die**
 - **Differences between both designs**
 - Gap on hood (Modification gap on the hood was necessary for the assembly on the contact body)
 - Distance pilot hole to the end of insulation crimp was reduced
 - Progression was reduced



stamp tool 1-out die

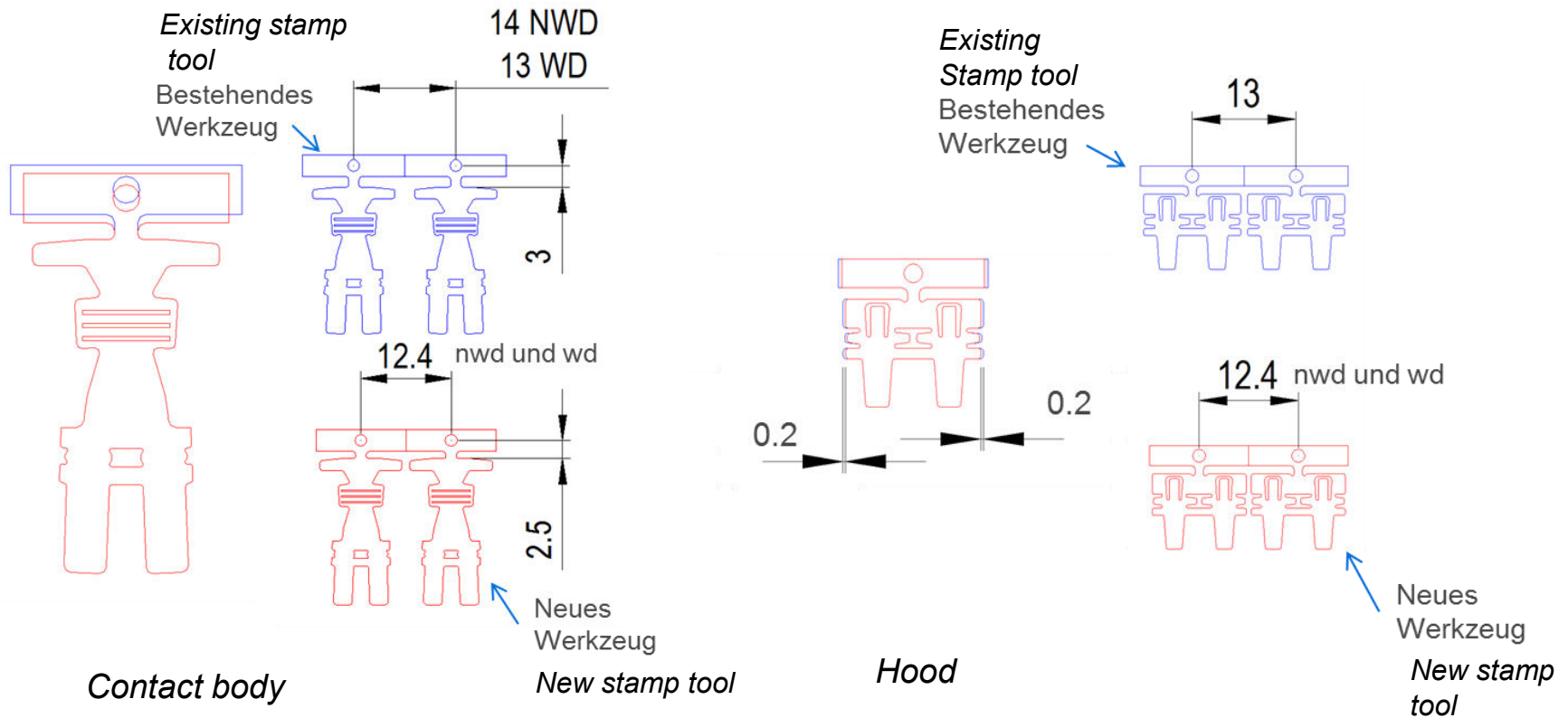


stamp tool 2-out die

Female contact DCS-2 2.8mm

◆ Comparison stamp tool 1-out die to 2-out

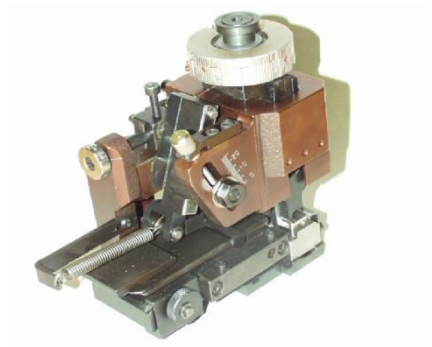
■ Layout contact body/ hood



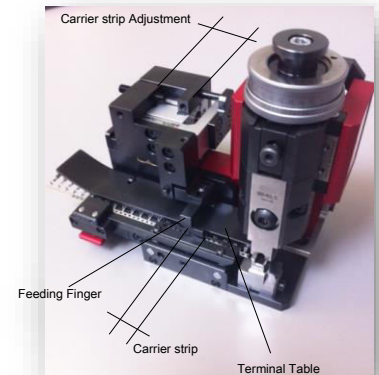
Female contact DCS-2 2.8mm

◆ Crimp Applicator

- New crimp applicator numbers: 6 520 04 09 / 39 / 47 / 48
- Spare parts identically
- The existing crimp applicators are adjustable according to new part dimensions
 - Progression change
 - Distance pilot hole to end of insulation crimp
 - 1 hour/ tool
- New crimp applicators
 - No adjustment necessary

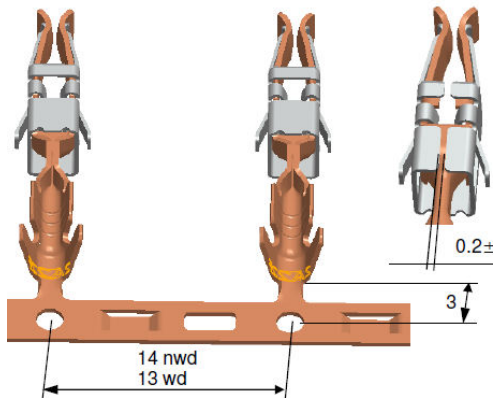


Mechanical feeding
Crimp Tool

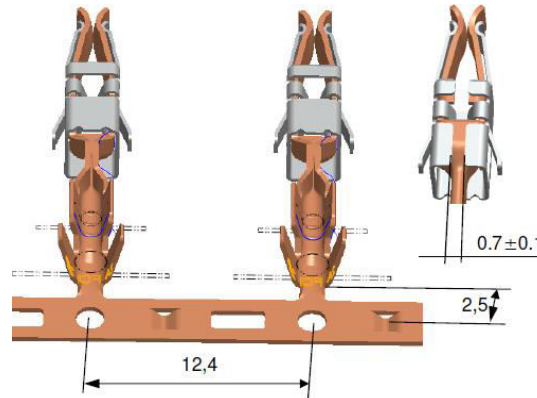


Pneumatic feeding
Crimp Tool

Female contact DCS-2 2.8mm

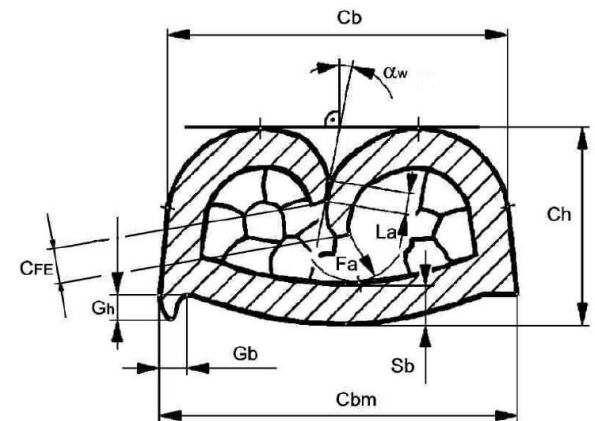
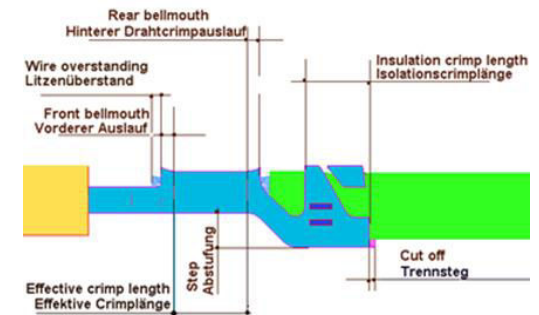


DCS-2 2,8 (old)



DCS-2 2,8 (new)

Adjust symmetry and cut off



No spare part modification necessary.
New applicator not necessary only adjustment.

Cross-reference

Contact	Wire section (mm²)	part number existing	Delphi Referenz-Nr.	Progression/ Pitch 1-out die	FCI number new capa tool	APTIV part number new capa tool	part number VW	Progression/ Pitch 2-out die	base material contact body	
DCS-2.8 wp	(>0.22-0.35)	6 001 29 11	10850454	13 mm	F622510	33522784		12.4 mm	CuSn4 R540	
	(0.5-1)	6 001 29 31	10850554		F922 510	33523143	33400873			
	(>1-2.5)	6 001 29 41	10850654		F232510	33523146	33400875			
										CuFe2P R470
	(>0.22-0.35)	6 001 40 11	10846769		F722510	33522783				
	(0.5-1)	6 001 40 31	10846768		F032510	33523144				
	(>1-2.5)	6 001 40 41	10846767		F332510	33523147				
DCS2-2.8 nwp	(>0.22-0.35)	6 001 28 11	10751583	14 mm	F978410 *	33523155 *		12.4 mm	CuSn4 R540	
	(0.5-1)	6 001 28 31	10751585		F088410	33523157	33400852			
	(>1-2.5)	6 001 28 41	10751584		F188410	33523158	33400853			

Thank you.