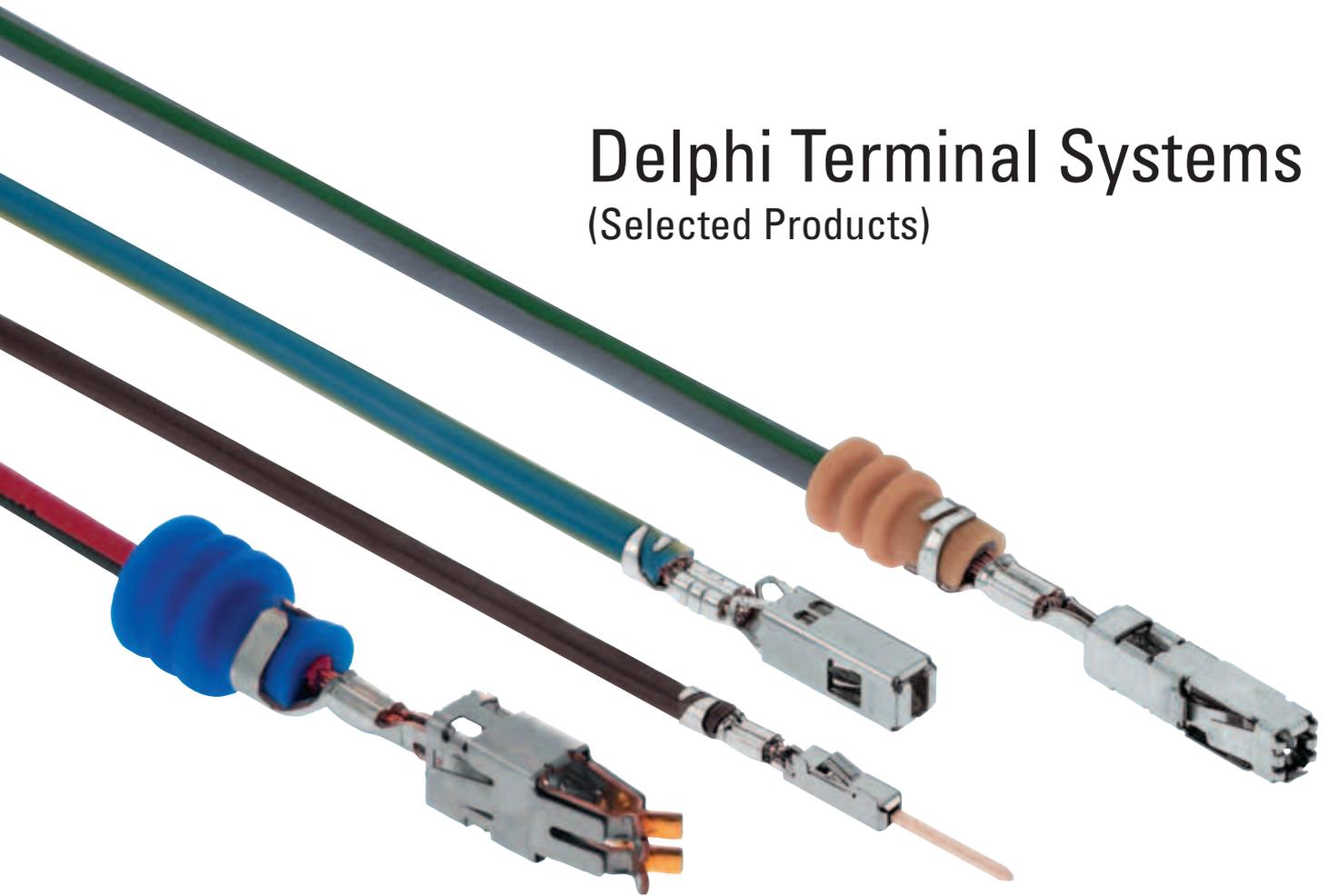


Connecting your business

# Delphi Terminal Systems

(Selected Products)



**DELPHI**  
Innovation for the Real World



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We have made every effort to ensure that the information contained in this document is accurate; however, changes are often made to update our specifications, part numbers or introduce new product families. An application or sales engineer can help you determine which product best suits your application guidelines. Our global engineering, manufacturing network and distribution capabilities are available to help you select the most suitable product.

We recommend that you use this catalog as a guide only. For additional part numbers and specifications contact our sales account manager or call your regional support representative at the numbers listed on the back cover.

Specification subject to change without notice.

# ACS series

## DSQ 1.5

The Delphi ACS (Active Connection System) provides a good combination between electrical and mechanical performance. The offered female versions will match to standard market 1.5, 2.8, 4.8 and 6.3 blade sizes.

### DSQ 1.5

current range max 15A



Cavity Ø 3.6 mm  
and Ø 4.0 mm

Gap size for Tab 0,6

	Part number	Cable range [mm²]	Material	Plating	Version	Tang
DSQ 1.5 F	13804118	0.13	CuFe	Sn	unsealed	2
DSQ 1.5 F	15396704	0.35 – 0.5	CuFe	Sn	unsealed	2
DSQ 1.5 F	15396705	0.75 – 1.0	CuFe	Sn	unsealed	2
DSQ 1.5 F	15396706	2x0.35 / 2x0.5	CuFe	Sn	unsealed	2
DSQ 1.5 F	15457989	1.5	CuFe	Sn	unsealed	2
DSQ 1.5 F	15414399	0.35 – 0.5	CuFe	Au	unsealed	2
DSQ 1.5 F	15414401	0.75 – 1.0	CuFe	Au	unsealed	2
DSQ 1.5 F	15458185	1.5	CuFe	Au	unsealed	2
DSQ 1.5 F	15408850	0.35 – 0.5	CuFe	Sn	sealed	2
DSQ 1.5 F	15408851	0.75 – 1.0	CuFe	Sn	sealed	2
DSQ 1.5 F	15457991	1.5	CuFe	Sn	sealed	2
DSQ 1.5 F	15439754	0.35 – 0.5	CuFe	Au	sealed	2
DSQ 1.5 F	15439756	0.75 – 1.0	CuFe	Au	sealed	2
DSQ 1.5 F	15458189	1.5	CuFe	Au	sealed	2
DSQ 1.5 F	13549581	0.35 – 0.5	CuSiNi	Au	sealed	2
DSQ 1.5 F	13549583	0.75 – 1.0	CuSiNi	Au	sealed	2
DSQ 1.5 F	13549585	1.5	CuSiNi	Au	sealed	2

Gap size for Tab 0,8

	Part number	Cable range [mm²]	Material	Plating	Version	Tang
DSQ 1.5 F	15345988	0.35 – 0.5	CuFe	Sn	unsealed	2
DSQ 1.5 F	15345994	0.75 – 1.0	CuFe	Sn	unsealed	2
DSQ 1.5 F	15346009	2x0.35 / 2x0.5	CuFe	Sn	unsealed	2
DSQ 1.5 F	15346002	1.5	CuFe	Sn	unsealed	2
DSQ 1.5 F	15345992	0.35 – 0.5	CuFe	Au	unsealed	2
DSQ 1.5 F	15345998	0.75 – 1.0	CuFe	Au	unsealed	2
DSQ 1.5 F	15346006	1.5	CuFe	Au	unsealed	2
DSQ 1.5 F	13544261	0.35 – 0.5	CuSiNi	Sn	unsealed	2
DSQ 1.5 F	13544263	0.75 – 1.0	CuSiNi	Sn	unsealed	2
DSQ 1.5 F	13544265	1.5	CuSiNi	Sn	unsealed	2
DSQ 1.5 F	15345990	0.35 – 0.5	CuFe	Sn	sealed	2
DSQ 1.5 F	15345996	0.75 – 1.0	CuFe	Sn	sealed	2
DSQ 1.5 F	15346004	1.5	CuFe	Sn	sealed	2
DSQ 1.5 F	13531140	0.35 – 0.5	CuFe	Au	sealed	2
DSQ 1.5 F	15346000	0.75 – 1.0	CuFe	Au	sealed	2
DSQ 1.5 F	15346008	1.5	CuFe	Au	sealed	2
DSQ 1.5 F	13547291	0.35 – 0.5	CuSiNi	Sn	sealed	2
DSQ 1.5 F	13547293	0.75 – 1.0	CuSiNi	Sn	sealed	2
DSQ 1.5 F	13547295	1.5	CuSiNi	Sn	sealed	2

Selected Delphi sealing products for DSQ 1.5

	Possible cavity Ø	Loose part	Cable diameter (mm)	Material	Color	% Oil
Cable Seal	3.6	15327913	1.2 – 1.6	LSR	red	2
Cable Seal	3.6	15327918	1.4 – 2.0	LSR	grey	2
Cable Seal	3.6	15339412	1.9 – 2.1	LSR	yellow	2
Plug	3.6	12198198	-	LSR	white	2
Cable Seal	4.0	15344938	1.2 – 1.6	LSR	blue	2
Cable Seal	4.0	15339560	1.7 – 2.1	LSR	red	2
Cable Seal	4.0	10720807	2.2 – 2.4	LSR	yellow	2
Plug	4.0	10720811	-	LSR	green	2

TTS 1.5

For gap size DSQ 1.5 x 0.6



	Part number	Cable range [mm <sup>2</sup> ]	Material	Plating	Version	Tang
TTS 1.5 M	13733481	0.13	CuFe	Sn	unsealed	2
TTS 1.5 M	15396711	0.22 – 0.35	CuFe	Sn	unsealed	2
TTS 1.5 M	15396712	0.5 – 0.75	CuFe	Sn	unsealed	2
TTS 1.5 M	15482337	1.0 – 1.5	CuFe	Sn	unsealed	2
TTS 1.5 M	15396713	2x0.35 / 2x0.5	CuFe	Sn	unsealed	2
TTS 1.5 M	15482338	0.22 – 0.35	CuFe	Au	unsealed	2
TTS 1.5 M	15482339	0.5 – 0.75	CuFe	Au	unsealed	2
TTS 1.5 M	15482340	1.0 – 1.5	CuFe	Au	unsealed	2
TTS 1.5 M	15482341	2x0.35 / 2x0.5	CuFe	Au	unsealed	2
TTS 1.5 M	15482323	0.22 – 0.35	CuFe	Sn	sealed	2
TTS 1.5 M	15482324	0.5 – 0.75	CuFe	Sn	sealed	2
TTS 1.5 M	15482325	1.0 – 1.5	CuFe	Sn	sealed	2
TTS 1.5 M	15482326	0.22 – 0.35	CuFe	Au	sealed	2
TTS 1.5 M	15482327	0.5 – 0.75	CuFe	Au	sealed	2
TTS 1.5 M	15482328	1.0 – 1.5	CuFe	Au	sealed	2

Selected Delphi sealing products for TTS 1.5



Cavity Ø 3.6 mm  
and Ø 4.0 mm

	Possible cavity Ø	Loose part	Cable diameter (mm)	Material	Color	% Oil
Cable Seal	3.6	15327913	1.2 – 1.6	LSR	red	2
Cable Seal	3.6	15327918	1.2 – 2.0	LSR	grey	2
Cable Seal	3.6	15339412	1.9 – 2.1	LSR	yellow	2
Plug	3.6	12198198	-	LSR	white	2
Cable Seal	4.0	15344938	1.2 – 1.6	LSR	blue	2
Cable Seal	4.0	15339560	1.7 – 2.1	LSR	red	2
Cable Seal	4.0	10720807	2.2 – 2.4	LSR	yellow	2
Plug	4.0	10720811	-	LSR	green	2

# ACS series

## VF 2.8, HVF 2.8, HVF II 2.8

### VF 2.8

current range max 19A



	Part number	Cable range [mm <sup>2</sup> ]	Material	Plating	Version	Tang
VF 2.8 F	15344939	0.35 – 0.5	CuSn4	Sn	unsealed	1
VF 2.8 F	15342428	0.35 – 0.5	CuSn4	Au	unsealed	1
VF 2.8 F	12131421	0.75 – 1.5	CuSn4	Sn	unsealed	1
VF 2.8 F	10726124	0.75 – 1.5	CuSn4	Au	unsealed	1
VF 2.8 F	15318264	0.5 – 1.5	CuSn4	Sn	sealed	1
VF 2.8 F	12160376	0.5 – 1.5	CuSn4	Sn	sealed	1

	Part number	Cable range [mm <sup>2</sup> ]	Material	Plating	Version	Tang
VF 2.8 F red. engage force	15342351	0.35 – 0.5	CuSn4	Sn	unsealed	1
VF 2.8 F red. engage force	15342352	0.75 – 1.5	CuSn4	Sn	unsealed	1

### HVF 2.8

current range max 25A



	Part number	Cable range [mm <sup>2</sup> ]	Material	Plating	Version	Tang
HVF 2.8 F	12131734	0.75 – 1.5	CuSn4	Sn	unsealed	1
HVF 2.8 F	15344729	0.5 – 1.5	CuSn4	Sn	sealed	1

### HVF II 2.8

current range max 25A



	Part number	Cable range [mm <sup>2</sup> ]	Material	Plating	Version	Tang
HVF II 2.8 F	12092281	0.5 – 1.0	CuSn4	Sn	unsealed	2
HVF II 2.8 F	12092504	1.5 – 2.5	CuSn4	Sn	unsealed	2
HVF II 2.8 F	15344941	0.5 – 1.0	CuSn4	Sn	unsealed	1
HVF II 2.8 F	15344940	1.5 – 2.5	CuSn4	Sn	unsealed	1
HVF II 2.8 F	15397233	0.5 – 1.0	CuFe2P	Sn	unsealed	2
HVF II 2.8 F	15397235	1.5 – 2.5	CuFe2P	Sn	unsealed	2
HVF II 2.8 F	15345064	0.5 – 1.0	CuFe2P	Sn	unsealed	1
HVF II 2.8 F	15345066	1.5 – 2.5	CuFe2P	Sn	unsealed	1
HVF II 2.8 F	15344837	FPC	CuFe2P	Sn	FPC	2
HVF II 2.8 F	15397231	FPC	CuFe2P	Sn	FPC	1

FPC



FPC



## HVF II 2.8

current range max 25A



	Part number	Cable range [mm <sup>2</sup> ]	Material	Plating	Version	Tang
HVF II 2.8 F	12146731	0.35	CuSn4	Sn	sealed	2
HVF II 2.8 F	12146730	0.5 – 1.0	CuSn4	Sn	sealed	2
HVF II 2.8 F	12146729	1.5 – 2.5	CuSn4	Sn	sealed	2
HVF II 2.8 F	15345033	0.35	CuSn4	Sn	sealed	1
HVF II 2.8 F	15345034	0.5 – 1.0	CuSn4	Sn	sealed	1
HVF II 2.8 F	15345035	1.5 – 2.5	CuSn4	Sn	sealed	1
HVF II 2.8 F	15397224	0.35	CuFe2P	Sn	sealed	2
HVF II 2.8 F	15397226	0.5 – 1.0	CuFe2P	Sn	sealed	2
HVF II 2.8 F	15397229	1.5 – 2.5	CuFe2P	Sn	sealed	2
HVF II 2.8 F	15397223	0.35	CuFe2P	Sn	sealed	1
HVF II 2.8 F	15397227	0.5 – 1.0	CuFe2P	Sn	sealed	1
HVF II 2.8 F	15397230	1.5 – 2.5	CuFe2P	Sn	sealed	1

Selected Delphi sealing products for VF, HVF, HVF II

	Loose part	Cable diameter (mm)	Material	Color	% Oil
Cable Seal	15324974	1.2 – 2.1	LSR	blue	2
Cable Seal	15324976	1.6 – 2.4	LSR	white	2
Cable Seal	10737671	1.5 – 2.3	LSR	red	2
Cable Seal	10737670	2.2 – 2.4	LSR	blue	2
Cable Seal	15324973	2.0 – 2.9	LSR	red-brown	2
Plug	15337197	-	LSR	white	2
Plug	10730124	-	LSR	green	2

Cavity Ø 5.2 mm

# ACS series

## DS 2.8

### DS 2.8

current range max 25A



18.8 version



21.0 version



Cavity Ø 5.2 mm

	Part number	Cable range [mm <sup>2</sup> ]	Material	Plating	Version	Length	Tang
	DS 2.8 F 12177068	0.5 – 1.0	CuSn4	Sn	unsealed	18.8	2
	DS 2.8 F 12177069	1.5 – 2.5	CuSn4	Sn	unsealed	18.8	2
	DS 2.8 F 15345022	2x0.5 or 0.5+0.75	CuSn4	Sn	unsealed	18.8	2
	DS 2.8 F 12162548	0.5 – 1.0	CuSn4	Sn	sealed	18.8	2
	DS 2.8 F 10718184	1.5 – 2.5	CuSn4	Sn	sealed	18.8	2
	DS 2.8 F 15327192	0.5 – 1.0	CuSn4	Sn	sealed	21.0	2
	DS 2.8 F 10718195	1.5 – 2.5	CuSn4	Sn	sealed	21.0	2
	DS 2.8 F 15327349	0.5 – 1.0	CuSn4	Au	unsealed	18.8	2
	DS 2.8 F 15368284	1.5 – 2.5	CuSn4	Au	unsealed	18.8	2
	DS 2.8 F 15345046	0.35 – 0.5	CuFe2P	Sn	sealed	21.0	2
	DS 2.8 F 15345060	0.5 – 1.0	CuFe2P	Sn	sealed	21.0	2
	DS 2.8 F 15345062	1.5 – 2.5	CuFe2P	Sn	sealed	21.0	2

Selected Delphi sealing products for DS 2.8

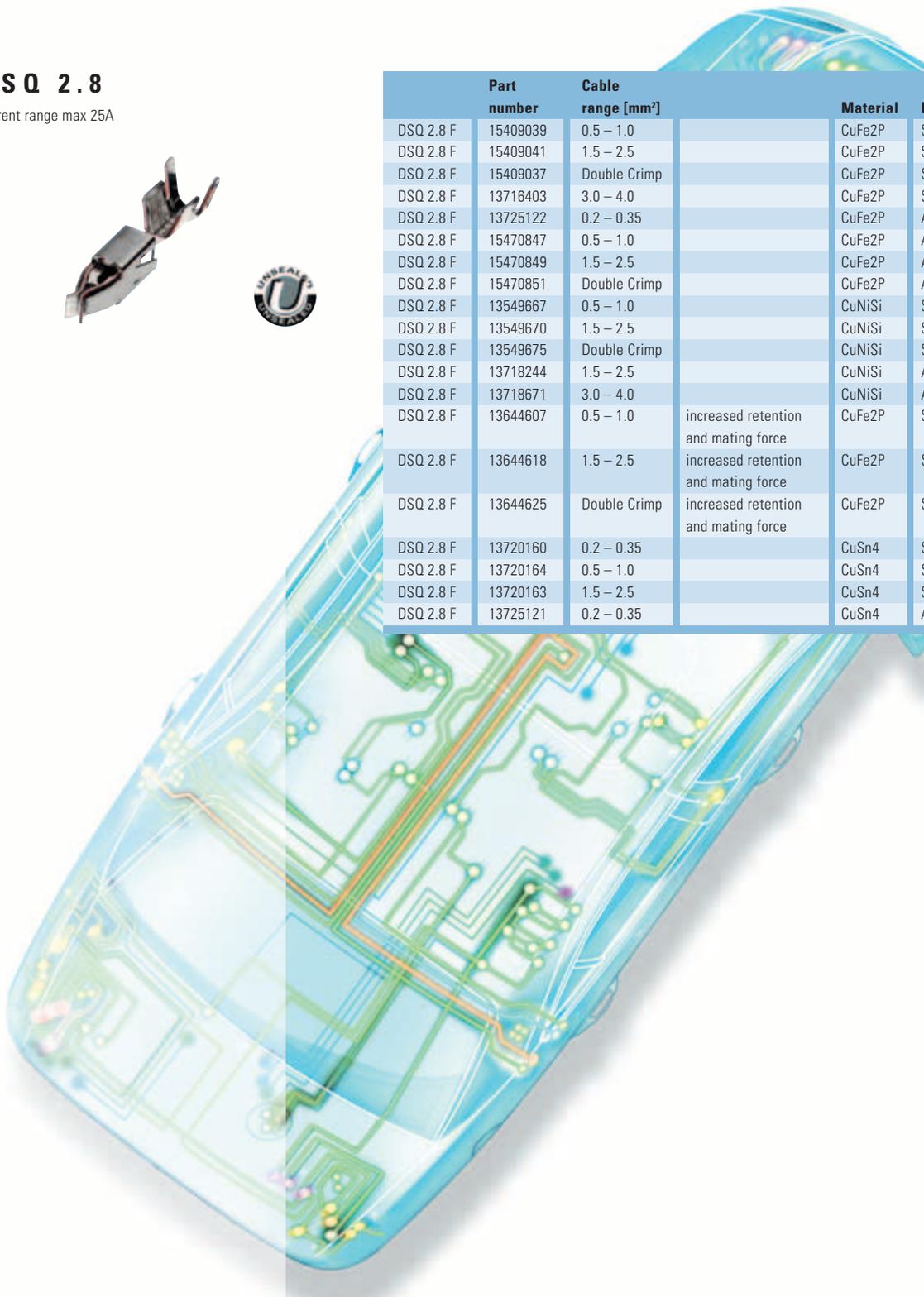
	Loose part	Cable diameter (mm)	Material	Color	% Oil	
	Cable Seal	15324974	1.2 – 2.1	LSR	blue	2
	Cable Seal	15324976	1.6 – 2.4	LSR	white	2
	Cable Seal	10737671	1.5 – 2.3	LSR	red	2
	Cable Seal	10737670	2.2 – 2.4	LSR	blue	2
	Cable Seal	15324973	2.0 – 2.9	LSR	red-brown	2
	Plug	15337197	-	LSR	white	2
	Plug	10730124	-	LSR	green	2

**DSQ 2.8**

current range max 25A



	Part number	Cable range [mm <sup>2</sup> ]		Material	Plating	Version	Tang	
	DSQ 2.8 F	15409039	0.5 – 1.0		CuFe2P	Sn	unsealed	2
	DSQ 2.8 F	15409041	1.5 – 2.5		CuFe2P	Sn	unsealed	2
	DSQ 2.8 F	15409037	Double Crimp		CuFe2P	Sn	unsealed	2
	DSQ 2.8 F	13716403	3.0 – 4.0		CuFe2P	Sn	unsealed	2
	DSQ 2.8 F	13725122	0.2 – 0.35		CuFe2P	Au	unsealed	2
	DSQ 2.8 F	15470847	0.5 – 1.0		CuFe2P	Au	unsealed	2
	DSQ 2.8 F	15470849	1.5 – 2.5		CuFe2P	Au	unsealed	2
	DSQ 2.8 F	15470851	Double Crimp		CuFe2P	Au	unsealed	2
	DSQ 2.8 F	13549667	0.5 – 1.0		CuNiSi	Sn	unsealed	2
	DSQ 2.8 F	13549670	1.5 – 2.5		CuNiSi	Sn	unsealed	2
	DSQ 2.8 F	13549675	Double Crimp		CuNiSi	Sn	unsealed	2
	DSQ 2.8 F	13718244	1.5 – 2.5		CuNiSi	Ag	unsealed	2
	DSQ 2.8 F	13718671	3.0 – 4.0		CuNiSi	Ag	unsealed	2
	DSQ 2.8 F	13644607	0.5 – 1.0	increased retention and mating force	CuFe2P	Sn	unsealed	2
	DSQ 2.8 F	13644618	1.5 – 2.5	increased retention and mating force	CuFe2P	Sn	unsealed	2
	DSQ 2.8 F	13644625	Double Crimp	increased retention and mating force	CuFe2P	Sn	unsealed	2
	DSQ 2.8 F	13720160	0.2 – 0.35		CuSn4	Sn	unsealed	2
	DSQ 2.8 F	13720164	0.5 – 1.0		CuSn4	Sn	unsealed	2
	DSQ 2.8 F	13720163	1.5 – 2.5		CuSn4	Sn	unsealed	2
	DSQ 2.8 F	13725121	0.2 – 0.35		CuSn4	Au	unsealed	2



# ACS series

## ATS 2.8, ATS-ASL 2.8

### ATS 2.8

current range max 25A



ASL

Active Secondary Lock



Cavity Ø 5.2 mm

	Part number	Cable range [mm²]	Material	Plating	Version	Tang
ATS 2.8 F	15344659	0.35 – 0.5	CuNiSi	Sn	sealed	2
ATS 2.8 F	15344661	0.75 – 1.0	CuNiSi	Sn	sealed	2
ATS 2.8 F	13629765	1.5	CuNiSi	Sn	sealed	2
ATS 2.8 F	15344660	1.5 – 2.5	CuNiSi	Sn	sealed	2
ATS 2.8 F	15493059	0.35 – 0.5	CuNiSi	Sn HT	sealed	2
ATS 2.8 F	15493063	0.75 – 1.0	CuNiSi	Sn HT	sealed	2
ATS 2.8 F	13629766	1.5	CuNiSi	Sn HT	sealed	2
ATS 2.8 F	15493061	1.5 – 2.5	CuNiSi	Sn HT	sealed	2
ATS 2.8 F	15426998	0.35 – 0.5	CuNiSi	Au	sealed	2
ATS 2.8 F	15426999	0.75 – 1.0	CuNiSi	Au	sealed	2
ATS 2.8 F	13629767	1.5	CuNiSi	Au	sealed	2
ATS 2.8 F	15427000	1.5 – 2.5	CuNiSi	Au	sealed	2
ATS 2.8 F	13679977	0.35 – 0.5	CuNiSi	Ag	sealed	2
ATS 2.8 F	13679979	0.75 – 1.0	CuNiSi	Ag	sealed	2
ATS 2.8 F	13679981	1.5 – 2.5	CuNiSi	Ag	sealed	2
ATS 2.8 ASL	13601165	0.35 – 0.5	CuNiSi	Sn	sealed	2
ATS 2.8 ASL	13601166	0.75 – 1.0	CuNiSi	Sn	sealed	2
ATS 2.8 ASL	13601167	1.5 – 2.5	CuNiSi	Sn	sealed	2
ATS 2.8 ASL	13601171	0.35 – 0.5	CuNiSi	Sn HT	sealed	2
ATS 2.8 ASL	13601172	0.75 – 1.0	CuNiSi	Sn HT	sealed	2
ATS 2.8 ASL	13601173	1.5 – 2.5	CuNiSi	Sn HT	sealed	2
ATS 2.8 ASL	13601168	0.35 – 0.5	CuNiSi	Au	sealed	2
ATS 2.8 ASL	13601169	0.75 – 1.0	CuNiSi	Au	sealed	2
ATS 2.8 ASL	13601170	1.5 – 2.5	CuNiSi	Au	sealed	2

Selected Delphi sealing products for ATS 2.8

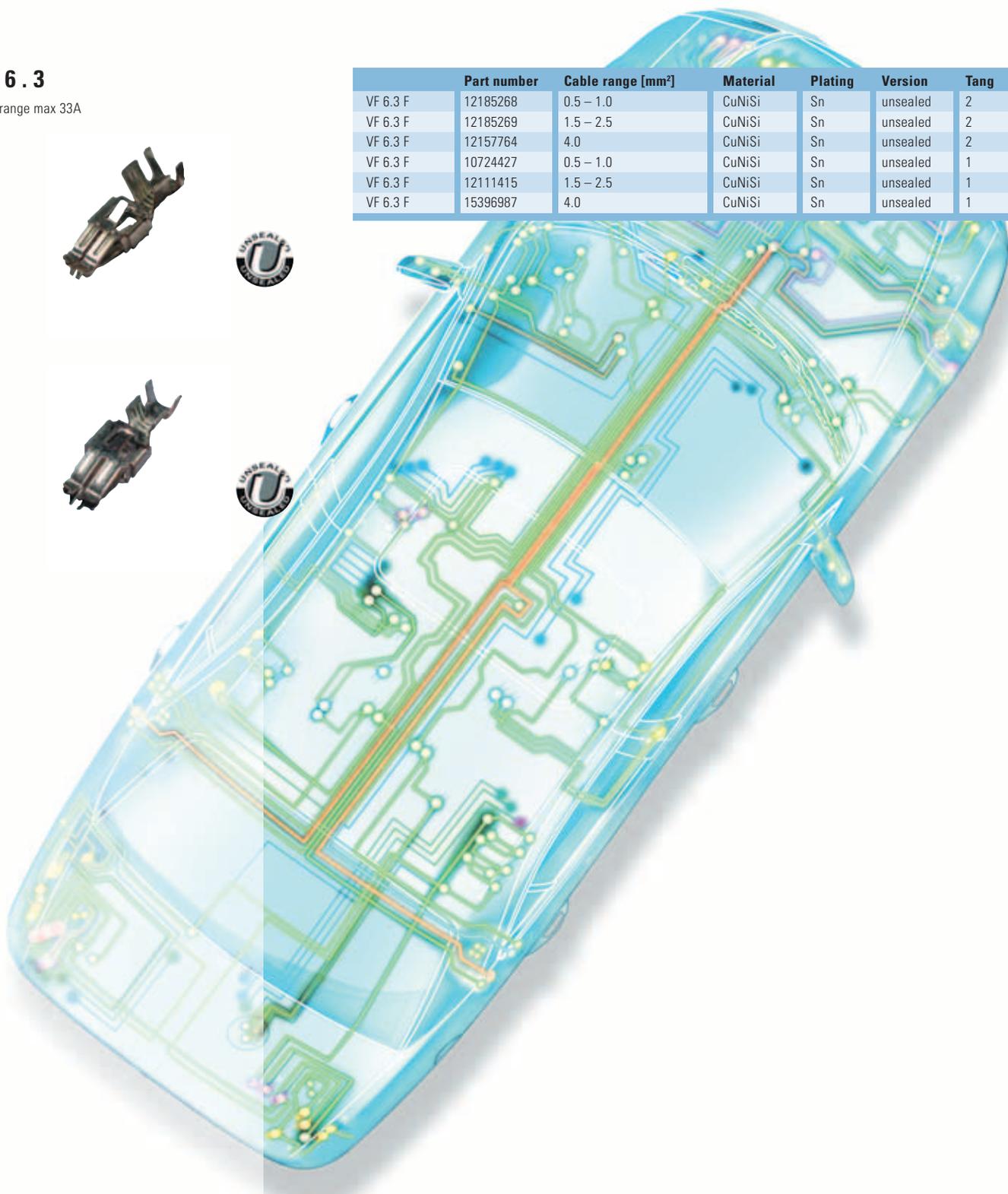
	Loose part	Cable diameter (mm)	Material	Color	% Oil
Cable Seal	15327860	1.2 – 2.0	LSR	Blue	2
Cable Seal	15327863	2.0 – 2.7	LSR	red-brown	2
Cable Seal	15327859	2.7 – 2.9	LSR	yellow	2
Cable Seal	15324974	1.2 – 2.1	LSR	blue	2
Cable Seal	15324976	1.6 – 2.4	LSR	white	2
Cable Seal	10737671	1.5 – 2.3	LSR	red	2
Cable Seal	10737670	2.2 – 2.4	LSR	blue	2
Cable Seal	15324973	2.0 – 2.9	LSR	red-brown	2
Plug	15337197	-	LSR	white	2
Plug	10730124	-	LSR	green	2

**VF 6.3**

current range max 33A



	Part number	Cable range [mm <sup>2</sup> ]	Material	Plating	Version	Tang
VF 6.3 F	12185268	0.5 – 1.0	CuNiSi	Sn	unsealed	2
VF 6.3 F	12185269	1.5 – 2.5	CuNiSi	Sn	unsealed	2
VF 6.3 F	12157764	4.0	CuNiSi	Sn	unsealed	2
VF 6.3 F	10724427	0.5 – 1.0	CuNiSi	Sn	unsealed	1
VF 6.3 F	12111415	1.5 – 2.5	CuNiSi	Sn	unsealed	1
VF 6.3 F	15396987	4.0	CuNiSi	Sn	unsealed	1



# BTS series

## BTS 1.5, BTS 2.8

The BTS (Block-sealed Terminal System) tangless terminal is an innovative clean body, two-piece design (base part with steel sleeve). It provides higher electrical performance, including higher levels of temperature and vibration resistance. The terminal allows a broader range of cable sizes over competitive offering. The high strength copper alloy base terminal makes BTS suitable with high temperature and vibration environments for vehicle applications especially in the engine compartment.

### BTS 1.5

current range max 25A



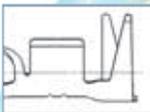
	Part number	Cable range [mm <sup>2</sup> ]	Material	Plating	Version	Tang
BTS 1.5 F	15414369	0.35 – 0.50	CuNiSi	Sn	clean body	tangless
BTS 1.5 F	15414370	0.60 – 1.00	CuNiSi	Sn	clean body	tangless
BTS 1.5 F	15414435	1.50 – 2.00	CuNiSi	Sn	clean body	tangless
BTS 1.5 F	15414437	0.35 – 0.50	CuNiSi	Au	clean body	tangless
BTS 1.5 F	15414438	0.60 – 1.00	CuNiSi	Au	clean body	tangless
BTS 1.5 F	15414439	1.50 – 2.00	CuNiSi	Au	clean body	tangless
BTS 1.5 F	13553176	0.35 – 0.50	CuNiSi	Au	clean body	tangless
BTS 1.5 F	13553177	0.60 – 1.00	CuNiSi	Au	clean body	tangless
BTS 1.5 F	13553178	1.50 – 2.00	CuNiSi	Au	clean body	tangless

### BTS 2.8

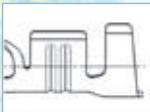
current range max 42A



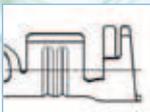
Type 1



Type 2



Type 3



	Part number	Cable range [mm <sup>2</sup> ]	Material	Plating	Version	Crimp Type	Tang
BTS 2.8 F	15492978	0.35 – 0.50	CuNiSi	Sn	clean body	1	tangless
BTS 2.8 F	15492979	0.60 – 1.00	CuNiSi	Sn	clean body	1	tangless
BTS 2.8 F	15492980	1.40 – 2.50	CuNiSi	Sn	clean body	1	tangless
BTS 2.8 F	15492981	3.00 – 4.00	CuNiSi	Sn	clean body	1	tangless
BTS 2.8 F	15494336	>4.00 – 6.00	CuNiSi	Sn	clean body	1	tangless
BTS 2.8 F	13679779	0.35 – 0.50	CuZnSn	Sn	clean body	1	tangless
BTS 2.8 F	13679790	0.60 – 1.00	CuZnSn	Sn	clean body	1	tangless
BTS 2.8 F	13679798	1.40 – 2.50	CuZnSn	Sn	clean body	1	tangless
BTS 2.8 F	13679807	3.00 – 4.00	CuZnSn	Sn	clean body	1	tangless
BTS 2.8 F	15492982	0.35 – 0.50	CuNiSi	Au	clean body	1	tangless
BTS 2.8 F	15492983	0.60 – 1.00	CuNiSi	Au	clean body	1	tangless
BTS 2.8 F	15492984	1.40 – 2.50	CuNiSi	Au HVR	clean body	1	tangless
BTS 2.8 F	13624893	1.40 – 2.50	CuNiSi	Au	clean body	1	tangless
BTS 2.8 F	15492985	3.00 – 4.00	CuNiSi	Au	clean body	1	tangless
BTS 2.8 F	15494337	>4.00 – 6.00	CuNiSi	Au	clean body	1	tangless
BTS 2.8 F	13671260	0.35 – 0.50	CuNiSi	Ag	clean body	1	tangless
BTS 2.8 F	13671259	0.60 – 1.00	CuNiSi	Ag	clean body	1	tangless
BTS 2.8 F	13671258	1.40 – 2.50	CuNiSi	Ag	clean body	1	tangless
BTS 2.8 F	15492986	0.75 – 1.25	CuNiSi	Sn	clean body / double crimp	2	tangless
BTS 2.8 F	15492987	1.35 – 2.70	CuNiSi	Sn	clean body / double crimp	2	tangless
BTS 2.8 F	15492988	2.80 – 4.00	CuNiSi	Sn	clean body / double crimp	3	tangless
BTS 2.8 F	13679794	0.75 – 1.25	CuZnSn	Sn	clean body / double crimp	2	tangless
BTS 2.8 F	13679800	1.35 – 2.70	CuZnSn	Sn	clean body / double crimp	2	tangless
BTS 2.8 F	13679805	2.80 – 4.00	CuZnSn	Sn	clean body / double crimp	3	tangless
BTS 2.8 F	15492989	0.75 – 1.25	CuNiSi	Au	clean body / double crimp	2	tangless
BTS 2.8 F	15492990	1.35 – 2.70	CuNiSi	Au	clean body / double crimp	2	tangless
BTS 2.8 F	15492991	2.80 – 4.00	CuNiSi	Au	clean body / double crimp	3	tangless

To use the BTS 1.5 and 2.8 clean body in a sealed connector system it needs an application specific block seal or the new Delphi "Layer Seal" technology.

# BTS series

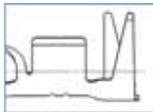
## BTS 2.8 single sealed version

### BTS 2.8

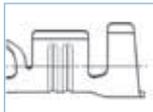
current range max 34A



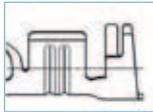
Type 1



Type 2



Type 3



Cavity Ø 5.2 mm  
and Ø 6.8 mm  
(only for 4.0mm<sup>2</sup> cable)

	Part number	Cable range [mm <sup>2</sup> ]	Material	Plating	Version	Crimp Type	Tang
BTS 2.8 F	15494338	0.35 – 0.50	CuNiSi	Sn	sealed	1	tangless
BTS 2.8 F	15494339	0.60 – 1.00	CuNiSi	Sn	sealed	1	tangless
BTS 2.8 F	18494340	1.40 – 2.50	CuNiSi	Sn	sealed	1	tangless
BTS 2.8 F	15492976	2.80 – 4.00	CuNiSi	Sn	sealed	3	tangless
BTS 2.8 F	13679781	0.35 – 0.50	CuZnSn	Sn	sealed	1	tangless
BTS 2.8 F	13679783	0.60 – 1.00	CuZnSn	Sn	sealed	1	tangless
BTS 2.8 F	13679803	1.40 – 2.50	CuZnSn	Sn	sealed	1	tangless
BTS 2.8 F	13553198	0.35 – 0.50	CuNiSi	Au	sealed	1	tangless
BTS 2.8 F	13553199	0.60 – 1.00	CuNiSi	Au	sealed	1	tangless
BTS 2.8 F	13553200	1.40 – 2.50	CuNiSi	Au	sealed	1	tangless
BTS 2.8 F	13553201	2.80 – 4.00	CuNiSi	Au	sealed	3	tangless
BTS 2.8 F	13671257	0.35 – 0.50	CuNiSi	Ag	sealed	1	tangless
BTS 2.8 F	13671256	0.60 – 1.00	CuNiSi	Ag	sealed	1	tangless
BTS 2.8 F	13671254	1.40 – 2.50	CuNiSi	Ag	sealed	1	tangless

Selected Delphi sealing products for BTS 280

	Possible cavity Ø	Loose part	Cable diameter (mm)	Material	Color	% Oil
Cable Seal	5.2	15324974	1.2 – 2.1	LSR	blue	2
Cable Seal	5.2	10737671	1.5 – 2.3	LSR	red	2
Cable Seal	5.2	10737670	2.2 – 2.4	LSR	blue	2
Plug	5.2	15337197	-	LSR	white	2
Cable Seal	6.8	10720615	3.4 – 3.7	LSR	white	2
Plug	6.8	10720617	-	LSR	red brown	2

# CTS series

## CTS 1.5

CTS (Compact Terminal System) is a closed box system design with a protected contact area usable for 0.6mm and 0.8mm blade thickness. The excellent vibration and current performance is a result of the pre-loaded contact spring and a spacer system ensuring a defined gap size. A selection of high performing materials for base, sleeve and plating is another module characterising the package.

### CTS 1.5

current range max 19A



	Part number	Cable range [mm <sup>2</sup> ]	Material	Plating	Version	Tang
CTS 1.5 F	PE199330	0.13	CuFe2	Sn	unsealed	2
CTS 1.5 F	15432237	0.22 – 0.35	CuFe2	Sn	unsealed	2
CTS 1.5 F	15432235	0.5 – 1.0	CuFe2	Sn	unsealed	2
CTS 1.5 F	15432233	1.0 – 1.5	CuFe2	Sn	unsealed	2
CTS 1.5 F	15432231	2x0.35 / 2x0.5	CuFe2	Sn	unsealed	2
CTS 1.5 F	15493005	0.22 – 0.35	CuFe2	Au	unsealed	2
CTS 1.5 F	15493007	0.5 – 1.0	CuFe2	Au	unsealed	2
CTS 1.5 F	15493009	1.0 – 1.5	CuFe2	Au	unsealed	2
CTS 1.5 F	15493011	2x0.35 / 2x0.5	CuFe2	Au	unsealed	2

	Part number	Cable range [mm <sup>2</sup> ]	Material	Plating	Version	Tang
CTS 1.5 F	PE199329	0.13	CuFe2	Sn	sealed	2
CTS 1.5 F	15432208	0.22 – 0.35	CuFe2	Sn	sealed	2
CTS 1.5 F	15432210	0.5 – 1.0	CuFe2	Sn	sealed	2
CTS 1.5 F	15432212	1.0 – 1.5	CuFe2	Sn	sealed	2
CTS 1.5 F	15492999	0.22 – 0.35	CuFe2	Au	sealed	2
CTS 1.5 F	15493001	0.5 – 1.0	CuFe2	Au	sealed	2
CTS 1.5 F	15493003	1.0 – 1.5	CuFe2	Au	sealed	2
CTS 1.5 F	13626010	0.22 – 0.35	CuNiSi	Ag	sealed	2
CTS 1.5 F	13611693	0.5 – 1.0	CuNiSi	Ag	sealed	2
CTS 1.5 F	13626012	1.0 – 1.5	CuNiSi	Ag	sealed	2

Selected Delphi sealing products for CTS 1.5

	Possible cavity Ø	Loose part	Cable diameter (mm)	Material	Color	% Oil
Cable Seal	3.6	15327913	1.2 – 1.6	LSR	red	2
Cable Seal	3.6	15327918	1.2 – 2.0	LSR	grey	2
Cable Seal	3.6	15339412	1.9 – 2.1	LSR	yellow	2
Cable Seal	3.6	15470866	2.2 – 2.4	LSR	red-brown	2
Plug	3.6	12198198	-	LSR	white	2
Cable Seal	4.0	15344938	1.2 – 1.6	LSR	blue	2
Cable Seal	4.0	15339560	1.7 – 2.1	LSR	red	2
Cable Seal	4.0	10720807	2.2 – 2.4	LSR	yellow	2
Plug	4.0	10720811	-	LSR	green	2

Cavity Ø 3.6 mm  
and Ø 4.0 mm



TTS 1.5



	Part number	Cable range [mm <sup>2</sup> ]	Material	Plating	Version	Tang
TTS 1.5 M	13733481	0.13	CuFe	Sn	unsealed	2
TTS 1.5 M	15396711	0.22 – 0.35	CuFe	Sn	unsealed	2
TTS 1.5 M	15396712	0.5 – 0.75	CuFe	Sn	unsealed	2
TTS 1.5 M	15482337	1.0 – 1.5	CuFe	Sn	unsealed	2
TTS 1.5 M	15396713	2x0.35 / 2x0.5	CuFe	Sn	unsealed	2
TTS 1.5 M	15482338	0.22 – 0.35	CuFe	Au	unsealed	2
TTS 1.5 M	15482339	0.5 – 0.75	CuFe	Au	unsealed	2
TTS 1.5 M	15482340	1.0 – 1.5	CuFe	Au	unsealed	2
TTS 1.5 M	15482341	2x0.35 / 2x0.5	CuFe	Au	unsealed	2
TTS 1.5 M	15482323	0.22 – 0.35	CuFe	Sn	sealed	2
TTS 1.5 M	15482324	0.5 – 0.75	CuFe	Sn	sealed	2
TTS 1.5 M	15482325	1.0 – 1.5	CuFe	Sn	sealed	2
TTS 1.5 M	15482326	0.22 – 0.35	CuFe	Au	sealed	2
TTS 1.5 M	15482327	0.5 – 0.75	CuFe	Au	sealed	2
TTS 1.5 M	15482328	1.0 – 1.5	CuFe	Au	sealed	2



Cavity Ø 3.6 mm  
and Ø 4.0 mm

	Possible cavity Ø	Loose part	Cable diameter (mm)	Material	Color	% Oil
Cable Seal	3.6	15327913	1.2 – 1.6	LSR	red	2
Cable Seal	3.6	15327918	1.4 – 2.0	LSR	grey	2
Cable Seal	3.6	15339412	1.9 – 2.1	LSR	yellow	2
Plug	3.6	12198198	-	LSR	white	2
Cable Seal	4.0	15344938	1.2 – 1.6	LSR	blue	2
Cable Seal	4.0	15339560	1.7 – 2.1	LSR	red	2
Cable Seal	4.0	10720807	2.2 – 2.4	LSR	yellow	2
Plug	4.0	10720811	-	LSR	green	2

# Ducon series

## Ducon 0.64, Ducon 0.8

Ducon is a multiple contact system design with best class results in high electrical and temperature performance. When introduced in 1989, the Ducon connection system was the first high-current system on the market, offering greater current loads in smaller terminal dimensions. Ducons two piece terminals are superior to conventional one-piece systems. A unique terminal geometry, featuring multiple contact points at two off-setting levels, helps the female and male terminals retain constant conductivity during operation. This increased conductivity allows for higher current loads within smaller dimensions. Ducon terminals offer excellent resistance to temperature and vibration, while providing reliable electrical performance.

### Ducon 0.64

current range max 7A



	Part number	Cable range [mm <sup>2</sup> ]	Material	Plating	Version	Tang
Ducon 0.64 F	12160776	0.35	CuSn1CrNiTi	Sn	unsealed	1
Ducon 0.64 F	15326127	0.35 – 0.5	CuSn1CrNiTi	Sn	unsealed	1
Ducon 0.64 F	15414250	0.35	CuSn1CrNiTi	Au	unsealed	1
Ducon 0.64 F	10726264	0.35 – 0.5	CuSn1CrNiTi	Au	unsealed	1

### Ducon 0.8

current range max 15A



	Part number	Cable range [mm <sup>2</sup> ]	Material	Plating	Version	Tang
Ducon 0.8 F	13733480	0.13	CuNiSi	Sn	unsealed	1
Ducon 0.8 F	15343821	0.35 – 0.5	CuNiSi	Sn	unsealed	1
Ducon 0.8 F	10717945	0.5 – 1.0	CuNiSi	Sn	unsealed	1
Ducon 0.8 F	12131423	0.5 – 1.0	CuNiSi	Sn	unsealed	1
Ducon 0.8 F	15343820	0.35 – 0.5	CuNiSi	Au	unsealed	1
Ducon 0.8 F	10726130	0.5 – 1.0	CuNiSi	Sn	sealed	1
Ducon 0.8 F	10717928	0.5 – 1.0	CuNiSi	Au	sealed	1

	Part number	Cable range [mm <sup>2</sup> ]	Material	Plating	Version	Tang
Ducon 0.8 M	13733479	0.13	CuNiSi	Sn	unsealed	1
Ducon 0.8 M	15343813	0.35 – 0.5	CuNiSi	Sn	unsealed	1
Ducon 0.8 M	15327159	0.5 – 1.0	CuNiSi	Sn	unsealed	1
Ducon 0.8 M	15343812	0.35 – 0.5	CuNiSi	Au	unsealed	1
Ducon 0.8 M	15343811	0.35 – 0.5	CuNiSi	Sn	sealed	1
Ducon 0.8 M	10717922	0.5 – 1.0	CuNiSi	Sn	sealed	1
Ducon 0.8 M	15343810	0.35 – 0.5	CuNiSi	Au	sealed	1
Ducon 0.8 M	10724459	0.5 – 1.0	CuNiSi	Au	sealed	1

Selected Delphi sealing products for Ducon 0.8

	Loose part	Cable diameter (mm)	Material	Color	% Oil
Cable Seal	15344324	1.2 – 2.1	LSR	dk. red	2
Plug	15305169	plug	LSR	orange	2

Cavity Ø 3.6 mm

### Ducon 1.5

current range max 25A



One Tang Code

	Part number	Cable range [mm <sup>2</sup> ]	Material	Plating	Version	Tang
Ducon 1.5 F	15343974	0.35	CuNiSi	Sn	unsealed	1
Ducon 1.5 F	12147302	0.5 – 1.0	CuNiSi	Sn	unsealed	1
Ducon 1.5 F	12147303	1.5 – 2.5	CuNiSi	Sn	unsealed	1
Ducon 1.5 F	10724472	0.5 – 1.0	CuNiSi	Au	unsealed	1
Ducon 1.5 F	15345030	0.5 – 1.0	CuNiSi	Sn	unsealed	2
Ducon 1.5 F	15345031	1.5 – 2.5	CuNiSi	Sn	unsealed	2
Ducon 1.5 F	15397512	0.35	CuNiSi	Sn	sealed	2
Ducon 1.5 F	12158097	0.5 – 1.0	CuNiSi	Sn	sealed	2
Ducon 1.5 F	10717964	1.5 – 2.5	CuNiSi	Sn	sealed	2
Ducon 1.5 F	15345002	0.5 – 1.0	CuNiSi	Au	sealed	2
Ducon 1.5 F	PE180948	0.5 – 1.0	CuNiSi	gAg	sealed	1
Ducon 1.5 F	PE186664	1.5 – 2.5	CuNiSi	gAg	sealed	1

	Part number	Cable range [mm <sup>2</sup> ]	Material	Plating	Version	Tang
Ducon 1.5 M	15343972	0.35	CuNiSi	Sn	unsealed	1
Ducon 1.5 M	12147299	0.5 – 1.0	CuNiSi	Sn	unsealed	1
Ducon 1.5 M	12147300	1.5 – 2.5	CuNiSi	Sn	unsealed	1
Ducon 1.5 M	10726087	0.5 – 1.0	CuNiSi	Au	unsealed	1
Ducon 1.5 M	12158104	0.5 – 1.0	CuNiSi	Sn	sealed	2
Ducon 1.5 M	10724374	1.5 – 2.5	CuNiSi	Sn	sealed	2
Ducon 1.5 M	15345032	0.5 – 1.0	CuNiSi	Au	sealed	2
Ducon 1.5 M	PE186666	0.5 – 1.0	CuNiSi	gAg	sealed	1
Ducon 1.5 M	PE180952	1.5 – 2.5	CuNiSi	gAg	sealed	1

Selected Delphi sealing products for Ducon 1.5

	Loose part	Cable diameter (mm)	Material	Color	% Oil
Cable Seal	15324974	1.2 – 2.1	LSR	blue	2
Cable Seal	15324976	1.6 – 2.4	LSR	white	2
Cable Seal	15324973	2.0 – 2.9	LSR	red-brown	2
Plug	15337197	plug	LSR	white	2

Cavity Ø 5.2 mm

# Ducon series

## Ducon 2.8, Ducon 4.8

### Ducon 2.8

current range max 33A



One Tang Code



Cavity Ø 5.2 mm

### Ducon 4.8

current range max 45A



Cavity Ø 8.5 mm

	Part number	Cable range [mm <sup>2</sup> ]	Material	Plating	Version	Tang
Ducon 2.8 F	12147451	0.5 – 1.0	CuNiSi	Sn	unsealed	1
Ducon 2.8 F	12147304	1.5 – 2.5	CuNiSi	Sn	unsealed	1
Ducon 2.8 F	12185233	4.0	CuNiSi	Sn	unsealed	1
Ducon 2.8 F	10724441	0.5 – 1.0	CuNiSi	Sn	unsealed	2
Ducon 2.8 F	10724383	1.5 – 2.5	CuNiSi	Sn	unsealed	2
Ducon 2.8 F	12158098	0.5 – 1.0	CuNiSi	Sn	sealed	2
Ducon 2.8 F	12185008	1.5 – 2.5	CuNiSi	Sn	sealed	2
Ducon 2.8 F	13728993	0.5 – 1.0	CuNiSi	gAg	sealed	1
Ducon 2.8 F	13729041	1.5 – 2.5	CuNiSi	gAg	sealed	1

	Part number	Cable range [mm <sup>2</sup> ]	Material	Plating	Version	Tang
Ducon 2.8 M	12147400	0.5 – 1.0	CuNiSi	Sn	unsealed	1
Ducon 2.8 M	12147301	1.5 – 2.5	CuNiSi	Sn	unsealed	1
Ducon 2.8 M	15327182	4.0	CuNiSi	Sn	unsealed	1
Ducon 2.8 M	10724384	1.5 – 2.5	CuNiSi	Sn	unsealed	2
Ducon 2.8 M	12185129	0.5 – 1.0	CuNiSi	Sn	sealed	2
Ducon 2.8 M	12185237	1.5 – 2.5	CuNiSi	Sn	sealed	2
Ducon 2.8 M	13729002	0.5 – 1.0	CuNiSi	gAg	sealed	1
Ducon 2.8 M	13729055	1.5 – 2.5	CuNiSi	gAg	sealed	1

Selected Delphi sealing products for Ducon 2.8

	Loose part	Cable diameter (mm)	Material	Color	% Oil
Cable Seal	15324974	1.2 – 2.1	LSR	blue	2
Cable Seal	15324976	1.6 – 2.4	LSR	white	2
Cable Seal	15324973	2.0 – 2.9	LSR	red-brown	2
Plug	15337197	plug	LSR	white	2

	Part number	Cable range [mm <sup>2</sup> ]	Material	Plating	Version	Tang
Ducon 4.8 F	12185227	0.5 – 1.0	CuNiSi	Sn	unsealed	2
Ducon 4.8 F	12147596	1.5 – 2.5	CuNiSi	Sn	unsealed	2
Ducon 4.8 F	12147597	4.0 – 6.0	CuNiSi	Sn	unsealed	2
Ducon 4.8 F	12185009	0.5 – 1.0	CuNiSi	Sn	sealed	2
Ducon 4.8 F	12185550	1.5 – 2.5	CuNiSi	Sn	sealed	2
Ducon 4.8 F	10717927	4.0 – 6.0	CuNiSi	Sn	sealed	2
Ducon 4.8 F	PE180958	1.5 – 2.5	CuNiSi	gAg	sealed	2
Ducon 4.8 F	PE185823	4.0 – 6.0	CuNiSi	gAg	sealed	2

	Part number	Cable range [mm <sup>2</sup> ]	Material	Plating	Version	Tang
Ducon 4.8 M	12185235	0.5 – 1.0	CuNiSi	Sn	sealed	2
Ducon 4.8 M	12185236	1.5 – 2.5	CuNiSi	Sn	sealed	2
Ducon 4.8 M	10724435	4.0 – 6.0	CuNiSi	Sn	sealed	2
Ducon 4.8 M	PE180960	1.5 – 2.5	CuNiSi	gAg	sealed	2
Ducon 4.8 M	PE185824	4.0 – 6.0	CuNiSi	gAg	sealed	2

Selected Delphi sealing products for Ducon 4.8

	Loose part	Cable diameter (mm)	Material	Color	% Oil
Cable Seal	15363779	1.2 – 2.0	LSR	yellow	2
Cable Seal	15363604	2.0 – 2.9	LSR	white	2
Cable Seal	15327864	2.8 – 3.8	LSR	red-brown	2
Cable Seal	15363605	3.6 – 4.5	LSR	green	2
Cable Seal	15344647	4.4 – 5.1	LSR	gray	2
Plug	12066082	plug	LSR	lt. green	2

### Ducon 6.3

current range max 55A



Cavity Ø 9.8 mm

	Part number	Cable range [mm <sup>2</sup> ]	Material	Plating	Version	Tang
Ducon 6.3 F	15498450	0.5 – 1.0	CuNiSi	Sn	unsealed	2
Ducon 6.3 F	15396853	1.5 – 2.5	CuNiSi	Sn	unsealed	2
Ducon 6.3 F	12185272	4.0 – 6.0	CuNiSi	Sn	unsealed	2
Ducon 6.3 F	12147473	1.5 – 2.5	CuNiSi	Sn	sealed	2
Ducon 6.3 F	12147474	4.0 – 6.0	CuNiSi	Sn	sealed	2
Ducon 6.3 F	13553063	4.0 – 6.0	CuNiSi	SnAg	sealed	2
Ducon 6.3 F	13717725	1.5 – 2.5	CuNiSi	Ni/Ag	sealed	2
Ducon 6.3 F	13663596	4.0 – 6.0	CuNiSi	Ni/Ag	sealed	2
Ducon 6.3 F	13666250	1.5 – 2.5	CuNiSi	gAu	sealed	2
Ducon 6.3 F	13666252	4.0 – 6.0	CuNiSi	gAu	sealed	2
Ducon 6.3 F	13730449	1.5 – 2.5	CuNiSi	gAg	sealed	2
Ducon 6.3 F	13730450	4.0 – 6.0	CuNiSi	gAg	sealed	2

	Part number	Cable range [mm <sup>2</sup> ]	Material	Plating	Version	Tang
Ducon 6.3 M	15396854	1.5 – 2.5	CuNiSi	Sn	unsealed	2
Ducon 6.3 M	15343823	4.0 – 6.0	CuNiSi	Sn	unsealed	2
Ducon 6.3 M	15344632	1.5 – 2.5	CuNiSi	Sn	sealed	2
Ducon 6.3 M	15344631	4.0 – 6.0	CuNiSi	Sn	sealed	2
Ducon 6.3 M	13626872	4.0 – 6.0	CuNiSi	SnAg	sealed	2
Ducon 6.3 M	13730447	1.5 – 2.5	CuNiSi	gAg	sealed	2
Ducon 6.3 M	13730448	4.0 – 6.0	CuNiSi	gAg	sealed	2

Selected Delphi sealing products for Ducon 6.3

	Loose part	Cable diameter (mm)	Material	Color	% Oil
Cable seal	15324997	1.6 – 2.4	LSR	lt. brown	2
Cable seal	15324995	2.0 – 2.9	LSR	red-brown	2
Cable seal	15324994	2.8 – 3.8	LSR	gray	2
Cable seal	15324996	3.6 – 4.5	LSR	blue	2
Plug	12059255	plug	LSR	green	2

# Ducon series

## Ducon 9.5

### Ducon 9.5

current range max 116A



Cavity Ø 13,75 mm

	Part number	Cable range [mm <sup>2</sup> ]	Material	Plating	Version	Tang
Ducon 9.5 F	10724458	4.0 – 6.0	CuNiSi	Sn	unsealed	2
Ducon 9.5 F	15344957	10	CuNiSi	Sn	unsealed	2
Ducon 9.5 F	15327010	4.0 – 6.0	CuNiSi	Sn	sealed	2
Ducon 9.5 F	10730408	10	CuNiSi	Sn	sealed	2
Ducon 9.5 F	15458196	16	CuNiSi	Sn	sealed	2
Ducon 9.5 F	15482568	4.0 – 6.0	CuNiSi	SnAg	sealed	2
Ducon 9.5 F	15408423	10	CuNiSi	SnAg	sealed	2
Ducon 9.5 F	15458198	16	CuNiSi	SnAg	sealed	2
Ducon 9.5 F	13647765	10	CuNiSi	SnAg	sealed	2
Ducon 9.5 F	13641162	16	CuNiSi	SnAg	sealed	2
Ducon 9.5 F	13641164	10	CuNiSi	Ni/Ag	sealed	2
Ducon 9.5 F	13647787	16	CuNiSi	Ni/Ag	sealed	2
Ducon 9.5 F	PE180613	4.0 – 6.0	CuNiSi	gAg	sealed	2
Ducon 9.5 F	PE186818	10	CuNiSi	gAg	sealed	2
Ducon 9.5 F	PE186819	16	CuNiSi	gAg	sealed	2
Ducon 9.5 F 90°	10724426	4.0 – 6.0	CuNiSi	Sn	unsealed	2
Ducon 9.5 F 90°	12162754	10	CuNiSi	Sn	unsealed	2
Ducon 9.5 F 90°	12185271	4.0 – 6.0	CuNiSi	Sn	unsealed	-
Ducon 9.5 F 90°	12186555	10	CuNiSi	Sn	unsealed	-

	Part number	Cable range [mm <sup>2</sup> ]	Material	Plating	Version	Tang
Ducon 9.5 M	10724456	4.0 – 6.0	CuNiSi	Sn	unsealed	2

Selected Delphi sealing products for Ducon 9.5

	Loose part	Cable diameter (mm)	Material	Color	% Oil
Cable seal	15492996	2.2 – 3.0	LSR	blue	2
Cable seal	15327126	3.4 – 4.3	LSR	red- brown	2
Cable seal	13797502	5.0 – 6.0	LSR	grey	2
Cable seal	10720983	6.0 – 6.4	LSR	green	2
Cable seal	15470809	6.5 – 7.5	LSR	yellow	2
Plug	10720907	plug	LSR	green	2

### Micro HVT 0.64

current range max 7A



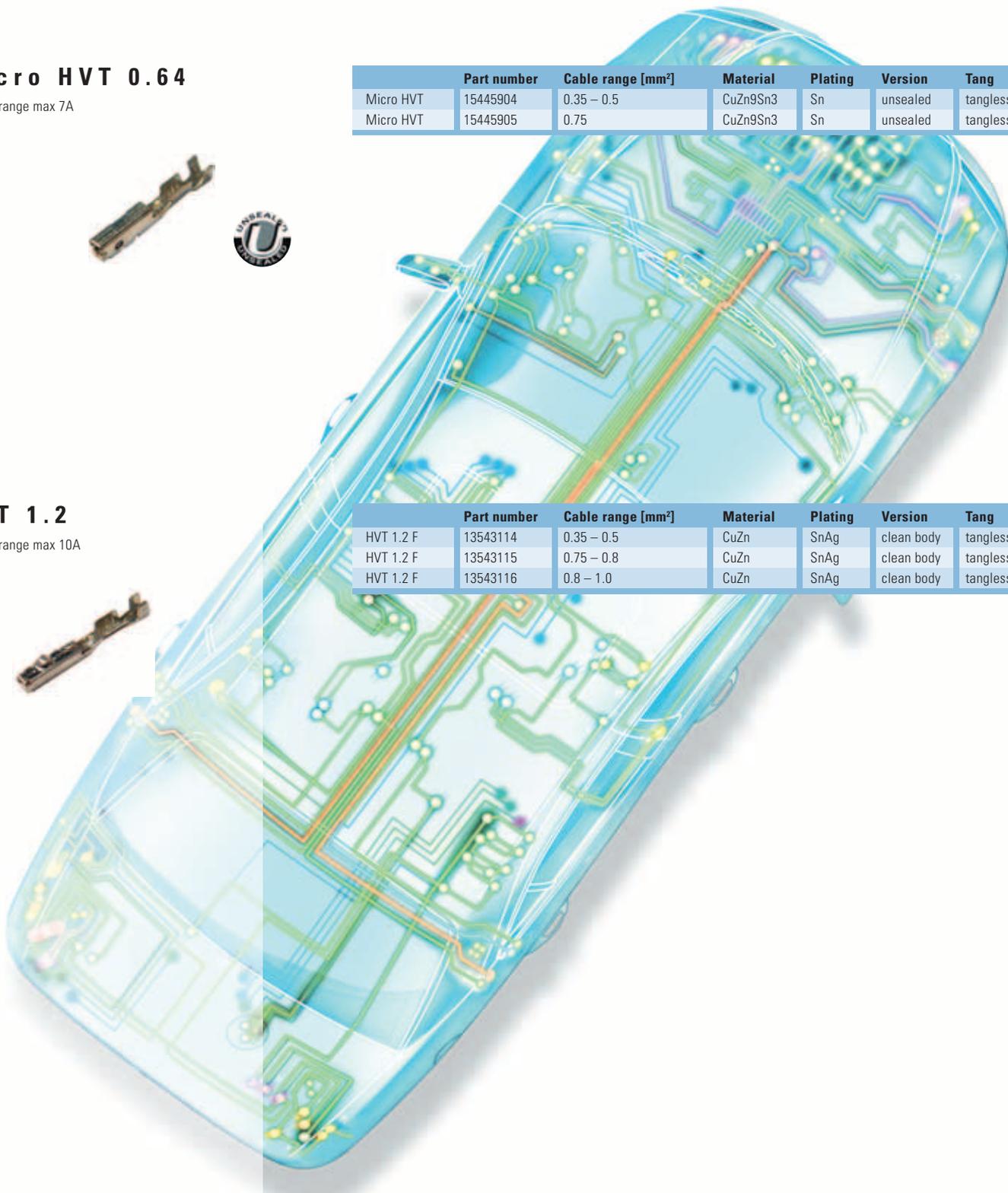
	Part number	Cable range [mm <sup>2</sup> ]	Material	Plating	Version	Tang
Micro HVT	15445904	0.35 – 0.5	CuZn9Sn3	Sn	unsealed	tangless
Micro HVT	15445905	0.75	CuZn9Sn3	Sn	unsealed	tangless

### HVT 1.2

current range max 10A



	Part number	Cable range [mm <sup>2</sup> ]	Material	Plating	Version	Tang
HVT 1.2 F	13543114	0.35 – 0.5	CuZn	SnAg	clean body	tangless
HVT 1.2 F	13543115	0.75 – 0.8	CuZn	SnAg	clean body	tangless
HVT 1.2 F	13543116	0.8 – 1.0	CuZn	SnAg	clean body	tangless



To use the HVT 1.2 clean body in a sealed connector system it needs an application specific block seal.

# MTS 0.64 series

## MTS ST, MTS I, MTS II

MTS (Micro Terminal System) is the Delphi 0.64 series family. The system provides low mating and un-mating forces with best vibration and current performances. The terminal design allows the use of round and square pin designs.

### MTS ST 0.64

current range max 8A



	Part number	Cable range [mm <sup>2</sup> ]	Material	Plating	Version	Tang
MTS 0.64 ST F	13663330	0.08 – 0.13	CuSn6	Sn	unsealed	1
MTS 0.64 ST F	13597856	0.22 – 0.35	CuSn6	Sn	unsealed	1
MTS 0.64 ST F	13597855	0.5 – 0.75	CuSn6	Sn	unsealed	1

### MTS I 0.64

current range max 8A



	Part number	Cable range [mm <sup>2</sup> ]	Material	Plating	Version	Tang
MTS I 0.64 F	15341541	0.35 – 0.5	CuNiSi	Sn	unsealed	1
MTS I 0.64 F	15341542	0.6 – 0.75	CuNiSi	Sn	unsealed	1
MTS I 0.64 F	15345107	0.35 – 0.5	CuNiSi	Au	unsealed	1
MTS I 0.64 F	15345111	0.6 – 0.75	CuNiSi	Au	unsealed	1

### MTS I FPC 0.64

current range max 8A



	Part number	Cable range [mm <sup>2</sup> ]	Material	Plating	Version	Tang
MTS I 0.64 F	15341540	FPC	CuNiSi	Sn	FPC	1
MTS I 0.64 F	10781228	FPC	CuNiSi	Au	FPC	1

### MTS II 0.64

current range max 8A



	Part number	Cable range [mm <sup>2</sup> ]	Material	Plating	Version	Type	Tang
MTS II 0.64 F	13787415	0.08 – 0.13	CuNiSi	Sn	unsealed		1
MTS II 0.64 F	15440179	0.35 – 0.5	CuNiSi	Sn	unsealed		1
MTS II 0.64 F	15440181	0.6 – 0.75	CuNiSi	Sn	unsealed		1
MTS II 0.64 F	15440183	0.35 – 0.5	CuNiSi	Au	unsealed		1
MTS II 0.64 F	15440185	0.6 - 0.75	CuNiSi	Au	unsealed		1
MTS II 0.64 F	13580633	0.25 – 0.35	CuNiSi	Sn	unsealed		1
MTS II 0.64 F	13580635	0.5 – 0.75	CuNiSi	Sn	unsealed		1
MTS II 0.64 F	13580637	0.25 – 0.35	CuNiSi	sel. Au	unsealed		1
MTS II 0.64 F	13580639	0.5 – 0.75	CuNiSi	sel. Au	unsealed		1
MTS II 0.64 F	13580641	0.25 – 0.35	CuNiSi	Au	unsealed		1
MTS II 0.64 F	13580644	0.5 – 0.75	CuNiSi	Au	unsealed		1
MTS II 0.64 F	13580654	0.25 – 0.35	CuNiSi	sel. Au	unsealed	Twin-dot	1
MTS II 0.64 F	13580656	0.5 – 0.75	CuNiSi	sel. Au	unsealed	Twin-dot	1

# MTS 0.64 series

## MTS male, MTS B

### MTS male 0.64



	Part number	Cable range [mm <sup>2</sup> ]	Material	Plating	Version	Tang
MTS II 0.64 M	15345367	0.35 – 0.5	CuFe2P	Sn	unsealed	1
MTS II 0.64 M	15345368	0.6 - 0.75	CuFe2P	Sn	unsealed	1
MTS II 0.64 M	15345371	0.35 – 0.5	CuFe2P	Au	unsealed	1
MTS II 0.64 M	15345372	0.6 - 0.75	CuFe2P	Au	unsealed	1
MTS II 0.64 M	13580586	0.25 – 0.35	CuFe2P	Sn	unsealed	1
MTS II 0.64 M	13580588	0.5 – 0.75	CuFe2P	Sn	unsealed	1
MTS II 0.64 M	13580590	0.25 – 0.35	CuFe2P	Au	unsealed	1
MTS II 0.64 M	13580592	0.5 – 0.75	CuFe2P	Au	unsealed	1

### MTS B 0.64

current range max 8A



	Part number	Cable range [mm <sup>2</sup> ]	Material	Plating	Version	Type	Tang
MTS B 0.64 F	15426816	0.35 – 0.5	CuNiSi	Sn	sealed		tangless
MTS B 0.64 F	15426818	0.6 - 0.75	CuNiSi	Sn	sealed		tangless
MTS B 0.64 F	15426815	0.35 – 0.5	CuNiSi	sel. Au	sealed		tangless
MTS B 0.64 F	15426817	0.6 - 0.75	CuNiSi	sel. Au	sealed		tangless
MTS B 0.64 F	13627447	0.35 – 0.5	CuNiSi	gal. Au	sealed		tangless
MTS B 0.64 F	13627448	0.6 - 0.75	CuNiSi	gal. Au	sealed		tangless
MTS B 0.64 F	13580464	0.25 – 0.35	CuNiSi	Sn	sealed		tangless
MTS B 0.64 F	13580466	0.5 – 0.75	CuNiSi	Sn	sealed		tangless
MTS B 0.64 F	13580468	0.25 – 0.35	CuNiSi	sel. Au	sealed		tangless
MTS B 0.64 F	13580470	0.5 – 0.75	CuNiSi	sel. Au	sealed		tangless
MTS B 0.64 F	13580472	0.25 – 0.35	CuNiSi	sel. Au	sealed	Twin-dot	tangless
MTS B 0.64 F	13580474	0.5 – 0.75	CuNiSi	sel. Au	sealed	Twin-dot	tangless
MTS B 0.64 F	13653606	FPC	CuNiSi	Sn	FPC		tangless
MTS B 0.64 F	13653607	FPC	CuNiSi	sel. Au	FPC		tangless
MTS B 0.64 F	13653608	FPC	CuNiSi	gal. Au	FPC		tangless

# MTS 0.64 series

## MTS single sealed version

### MTS 0.64 single sealed version

(current range max 8A)



Cavity Ø 3.6 mm

	Part number	Cable range [mm²]	Material	Plating	Version	Tang
MTS 0.64 F	13580646	0.25 – 0.35	CuNiSi	Sn	sealed	1
MTS 0.64 F	13580648	0.5 - 0.75	CuNiSi	Sn	sealed	1
MTS 0.64 F	13580650	0.25 – 0.35	CuNiSi	sel. Au	sealed	1
MTS 0.64 F	13580652	0.5 - 0.75	CuNiSi	sel. Au	sealed	1

	Part number	Cable range [mm²]	Material	Plating	Version	Tang
MTS 0.64 M	13580594	0.25 – 0.35	CuNiSi	Sn	sealed	1
MTS 0.64 M	13580596	0.5 - 0.75	CuNiSi	Sn	sealed	1
MTS 0.64 M	13580598	0.25 – 0.35	CuNiSi	Au	sealed	1
MTS 0.64 M	13580600	0.5 - 0.75	CuNiSi	Au	sealed	1

Selected Delphi sealing products for MTS 0.64

	Possible cavity Ø	Loose part	Cable diameter (mm)	Material	Color	% Oil
Cable Seal	3.6	15327913	1.2 – 1.6	LSR	red	2
Cable Seal	3.6	15327918	1.2 – 2.0	LSR	grey	2
Plug	3.6	12198198	-	LSR	white	2

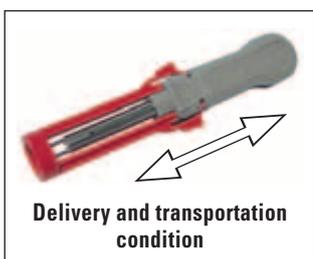


## Terminal removal tools



To have an optimal plugging, snapping and fixing in the cavity is very important for the long life of the connectivity done with a connector.

For various reasons ever, like a repair after an accident or other you need also a good system to remove the terminal out of the cavity. Delphi's partner TKR Special Tools provides a complete package of removal tools aligned to the cavity dimensions. To use original equipment gives you the reliability that the terminal will have the same quality as before.



Original removal tool source:

TKR Special Tools  
Kaltenhof 27  
58285 Gevelsberg  
Germany  
Tel: +49 (0)2332 954 911  
E-mail: tkr-verkauf@tkrgroup.com

## ACS series



	For terminal	Type	Tang	Part number	
Hand tool	DSQ 1.5	female	unsealed, sealed	2	10714809
Hand tool	TTS 1.5	male	unsealed, sealed	2	10714809

	For terminal	Type	Tang	Part number	
Hand tool	VF 2.8	female	unsealed, sealed	1	10714774
Hand tool	HVF 2.8	female	unsealed, sealed	1	10714774
Hand tool	HVF II 2.8	female	unsealed, sealed	1	10714774
Hand tool	HVF II 2.8	female	unsealed, sealed	2	10714843

	For terminal	Type	Tang	Part number	
Hand tool	DS 2.8	female	unsealed, sealed	2	10714843
Hand tool	DSQ 2.8	female	unsealed, sealed	2	10714843
Hand tool	ATS 2.8	female	unsealed, sealed	2	10714843

	For terminal	Type	Tang	Part number	
Hand tool	VF 6.3	female	unsealed	1	10714796
Hand tool	VF 6.3	female	unsealed	2	10714843

# Terminal removal tools

## BTS series



	For terminal		Type	Tang	Part number
Hand tool	BTS 1.5	female	unsealed	clean body	10803855
Hand tool	BTS 2.8	female	unsealed	clean body	10803855
Hand tool	BTS 2.8	female	sealed	clean body	10803855

## CTS series



	For terminal		Type	Tang	Part number
Hand tool	CTS 1.5	female	unsealed, sealed	2	10803860
Hand tool	TTS 1.5	male	unsealed, sealed	2	10714809

## MTS series



	For terminal		Type	Tang	Part number
Hand tool	MTS 0.64	female	all	1	10763971
Hand tool	MTS 0.64	male	all	1	10763971

## Micro HVT series



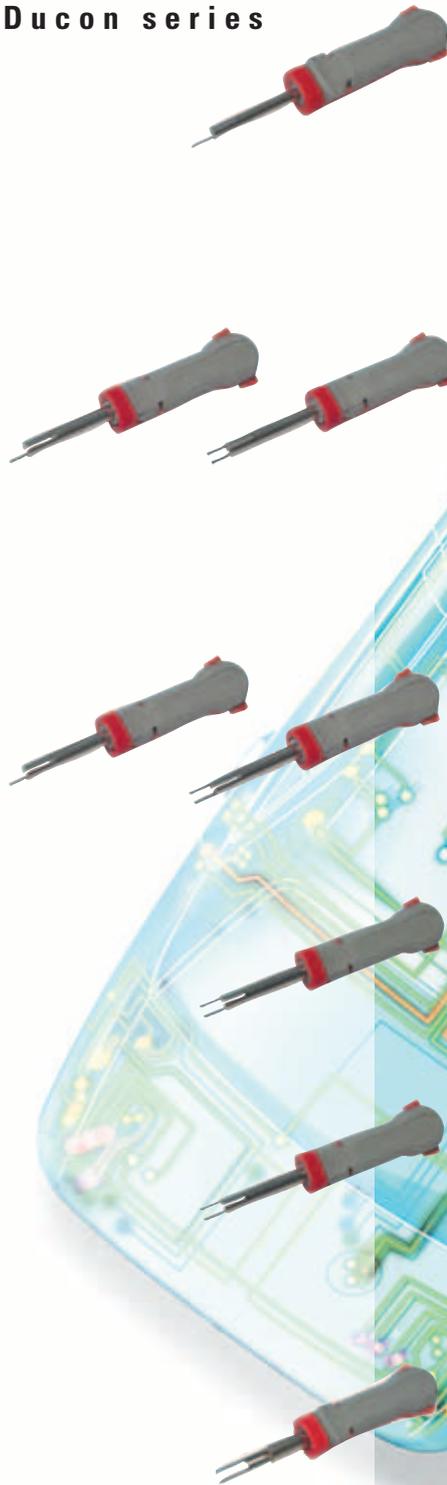
	For terminal		Type	Tang	Part number
Hand tool	Micro HVT	female	unsealed	1	10806565

## HVT 1.2 series



	For terminal		Type	Tang	Part number
Hand tool	Micro HVT	female	clean body	tangless	10806565

## Ducon series



	For terminal	Type	Tang	Part number	
Hand tool	Ducon 0.8	female, male	unsealed, sealed	1	10739582

	For terminal	Type	Tang	Part number	
Hand tool	Ducon 1.5	female, male	unsealed, sealed	1	10739605
Hand tool	Ducon 1.5	female, male	unsealed, sealed	2	10739583

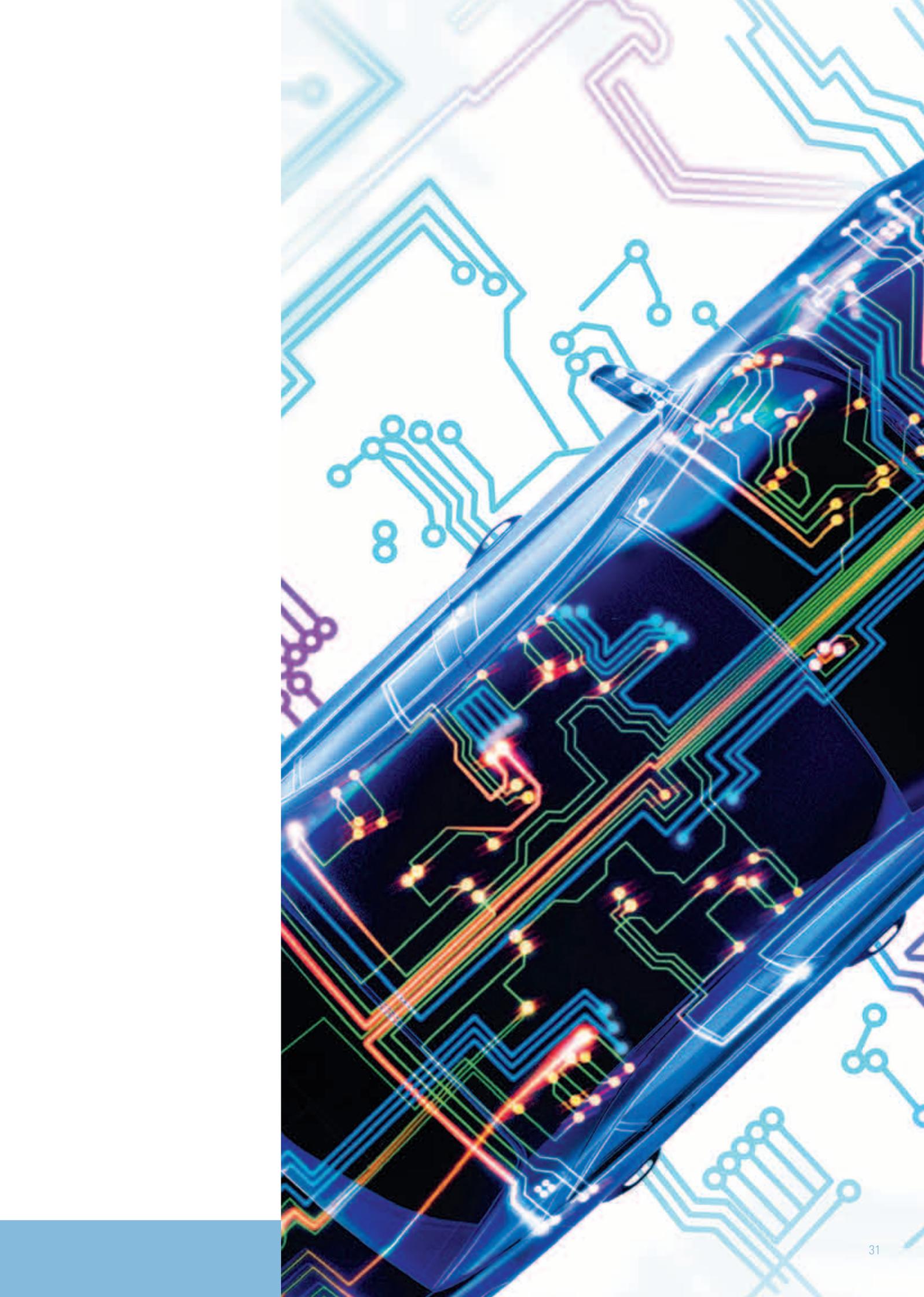
	For terminal	Type	Tang	Part number	
Hand tool	Ducon 2.8	female, male	unsealed, sealed	1	10739605
Hand tool	Ducon 2.8	female, male	unsealed, sealed	2	10739584

	For terminal	Type	Tang	Part number	
Hand tool	Ducon 4.8	female, male	unsealed, sealed	2	10739585

	For terminal	Type	Tang	Part number	
Hand tool	Ducon 6.3	female, male	unsealed, sealed	2	10739585

	For terminal	Type	Tang	Part number	
Hand tool	Ducon 9.5	female, male	unsealed, sealed	2	10714800





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[delphi.com/connect](http://delphi.com/connect)

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