DT Family

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DT Family Overview

DEUTSCH DT, DTM, and DTP Series environmentally sealed connectors are designed specifically for cable to cable applications. The DT connectors are used in harsh environment applications where even a small degradation in connection may be critical. Thermoplastic housings offer a wide operating temperature range and silicone rear wire and interface seals allow the connectors to withstand conditions of extreme temperature and moisture.

The connector may be populated with either solid or stamped & formed style contacts. Contact insertion and removal does not require any special tools. Contacts are retained in locked position by dielectric fingers which are molded as an integral part of the housing. Secondary wedgelocks are assembled at the mating interfaces to provide proper contact positioning.

The DEUTSCH DT Series general purpose connectors will provide reliability and performance on the engine or transmission, under the hood, on the chassis, or in the cab.

DT Series Overview

DEUTSCH DT Series connectors offer field proven reliability and rugged quality. The DT design strengths include optional flange mounting, multi-pin arrangements, and design flexibility. The DT Series offers the designer the ability to use multiple size 16 contacts, each with 13 amp continuous capacity, within a single shell.

DTP Series Overview

DEUTSCH DTP Series connectors provide solutions for your power application requirements. Building on both the DT and DTM design strengths, the DTP connector line was developed to fill the need for higher amperage, multi-pin, inexpensive connectors.

The DTP Series offers the designer the ability to use multiple size 12 contacts, each with 25 amp continuous capacity, within a single shell. The DTP connectors are currently available in two and four pin configurations.

DTM Series Overview

DEUTSCH DTM Series connectors offer solutions to your smaller wire gauge applications. Building on the DT design strengths, the DTM connector line was developed to fill the need for lower amperage, multi-pin, inexpensive connectors. The DTM Series offers the designer the ability to use multiple size 20 contacts, each with 7.5 amp continuous capacity, within a single shell.

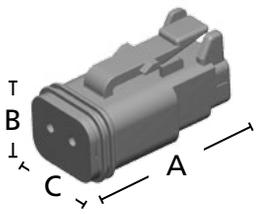


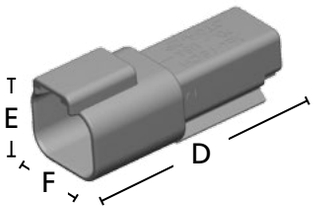
DT Family Part Numbering System

DT* 06 - 2 S * - XXXX

- Series
  - Blank = DT Series
  - M = DTM Series
  - P = DTP Series
- Style
  - 04 = Receptacle
  - 06 = Plug
- Configuration
- Contacts
  - P = Pin
  - S = Socket
- Key (if applicable)
- Special Modifications

DT Series Dimensions

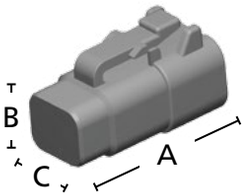


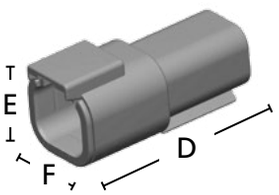


Cavity	DT Plug			DT Receptacle		
	Overall Length A	Overall Height B	Overall Width C	Overall Length D	Overall Height E	Overall Width F
2	1.118 (28.4)	.628 (15.95)	.591 (15.01)	1.708 (43.38)	.670 (17.02)	.675 (17.15)
3	1.118 (28.4)	.934 (23.72)	.718 (18.23)	1.698 (43.13)	.973 (24.71)	.832 (21.13)
4	1.218 (30.94)	.724 (18.39)	.716 (18.19)	1.808 (45.92)	.776 (19.71)	.820 (20.83)
6	1.218 (30.94)	.891 (22.63)	.716 (18.19)	1.808 (45.92)	.951 (24.16)	.820 (20.83)
8	1.217 (30.91)	.776 (19.71)	1.465 (37.21)	1.798 (45.67)	1.000 (25.40)	1.435 (36.45)
12	1.218 (30.94)	.716 (18.19)	1.597 (40.56)	1.808 (45.92)	.876 (22.25)	1.597 (40.56)

Dimensions are for reference only.

DTM Series Dimensions

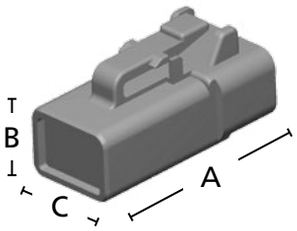


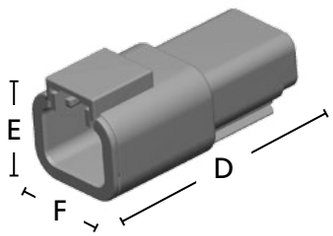


Cavity	DTM Plug			DTM Receptacle		
	Overall Length A	Overall Height B	Overall Width C	Overall Length D	Overall Height E	Overall Width F
2	1.085 (27.56)	.508 (12.90)	.475 (12.07)	1.620 (41.15)	.638 (16.21)	.651 (16.54)
3	1.085 (27.56)	.551 (14.00)	.640 (16.26)	1.620 (41.15)	.638 (16.21)	.861 (20.73)
4	1.185 (30.10)	.695 (17.65)	.600 (15.24)	1.720 (43.69)	.772 (19.61)	.756 (19.20)
6	1.185 (30.10)	.817 (20.75)	.600 (15.24)	1.720 (43.69)	.937 (23.80)	.756 (19.20)
8	1.185 (30.10)	.600 (15.24)	1.245 (31.62)	1.720 (43.69)	.796 (20.22)	1.245 (31.62)
12	1.185 (30.10)	.600 (15.24)	1.575 (40.01)	1.720 (43.69)	.796 (20.22)	1.575 (40.01)

Dimensions are for reference only.

DTP Series Dimensions

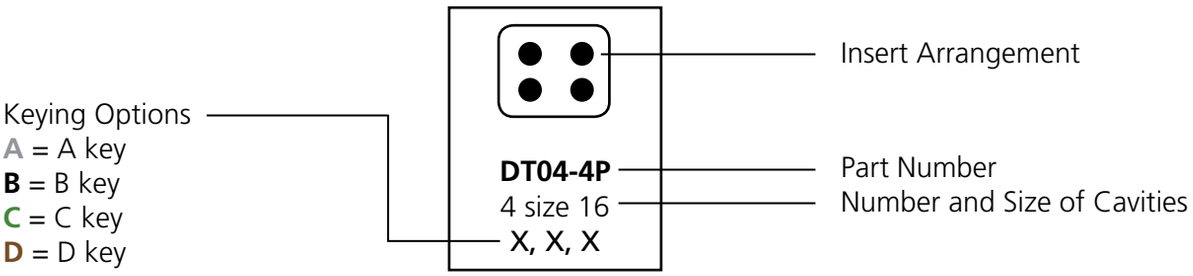




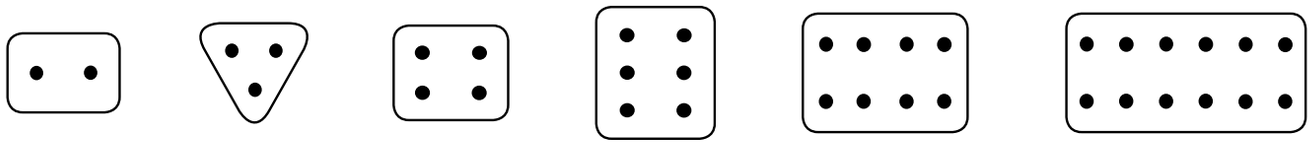
Cavity	DTP Plug			DTP Receptacle		
	Overall Length A	Overall Height B	Overall Width C	Overall Length D	Overall Height E	Overall Width F
2	1.364 (34.65)	.711 (18.06)	.732 (18.59)	1.861 (47.27)	.869 (22.07)	.972 (22.15)
4	1.364 (34.65)	.960 (24.38)	.868 (22.05)	1.861 (47.27)	1.069 (27.15)	1.060 (26.92)

Dimensions are for reference only.

DT Family Connector Configurations



DT Series Configurations



DT0*-2*
2 size 16

DT0*-3*
3 size 16

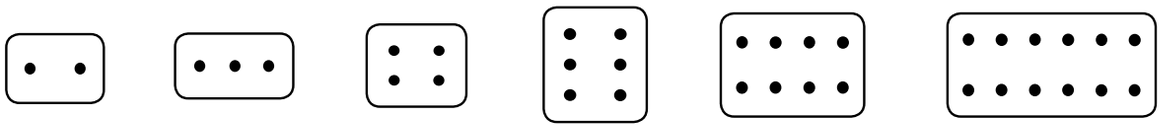
DT0*-4*
4 size 16

DT0*-6*
6 size 16

DT0*-08**
8 size 16
A, B, C, D

DT0*-12**
12 size 16
A, B, C, D

DTM Series Configurations



DTM0*-2*
2 size 20

DTM0*-3*
3 size 20

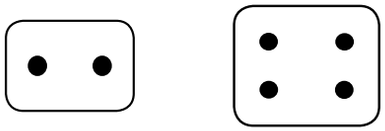
DTM0*-4*
4 size 20

DTM0*-6*
6 size 20

DTM0*-08**
8 size 20
A, B, C, D

DTM0*-12**
12 size 20
A, B, C, D

DTP Series Configurations



DTP0*-2*
2 size 12

DTP0*-4*
4 size 12

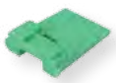
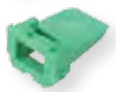
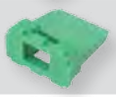
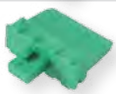
Required Components

Secondary Wedgelocks

DEUTSCH DT style electrical connectors require secondary wedgelocks which are sold separately. The wedgelocks help ensure proper contact alignment within each connector. Secondary wedgelocks are assembled at the mating interface and click into place. If by chance the secondary wedgelocks are not properly seated during assembly, they will be pressed into locked position during the mating of the connector.

Adding to the design flexibility of the DT Series, several wedgelocks offer keying options. Wedgelocks for enhanced seal retention plugs (P012) are also available.

DT Series Wedgelocks

Receptacle		
	W2P*	Wedgelock for 2 way receptacle *A, B, C, D keying available
	W3P*	Wedgelock for 3 way receptacle *J1939 keying available
	W4P*	Wedgelock for 4 way receptacle *A, B, C, D keying available
	W6P	Wedgelock for 6 way receptacle
	W8P	Wedgelock for 8 way receptacle
	W12P	Wedgelock for 12 way receptacle

Plug		
	W2S*	Wedgelock for 2 way plug *A, B, C, D keying available
	W3S*	Wedgelock for 3 way plug *J1939 keying available
	W4S*	Wedgelock for 4 way plug *A, B, C, D keying available
	W6S	Wedgelock for 6 way plug
	W8S	Wedgelock for 8 way plug
	W12S	Wedgelock for 12 way plug

Notice

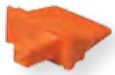
Wedgelocks for enhanced plugs (P012) are available.

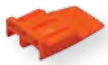
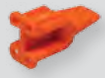
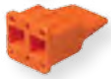
DTP Series Wedgelocks

Receptacle		
	WP-2P	Wedgelock for 2 way receptacle
	WP-4P	Wedgelock for 4 way receptacle

Plug		
	WP-2S	Wedgelock for 2 way plug
	WP-4S	Wedgelock for 4 way plug

DTM Series Wedgelocks

Receptacle		
	WM-2P*	Wedgelock for 2 way receptacle *A, B, C keying available
	WM-3P	Wedgelock for 3 way receptacle
	WM-4P	Wedgelock for 4 way receptacle
	WM-6P	Wedgelock for 6 way receptacle
	WM-8P	Wedgelock for 8 way receptacle
	WM-12P	Wedgelock for 12 way receptacle

Plug		
	WM-2S*	Wedgelock for 2 way plug *A, B, C keying available
	WM-3S	Wedgelock for 3 way plug
	WM-4S	Wedgelock for 4 way plug
	WM-6S	Wedgelock for 6 way plug
	WM-8S	Wedgelock for 8 way plug
	WM-12S	Wedgelock for 12 way plug

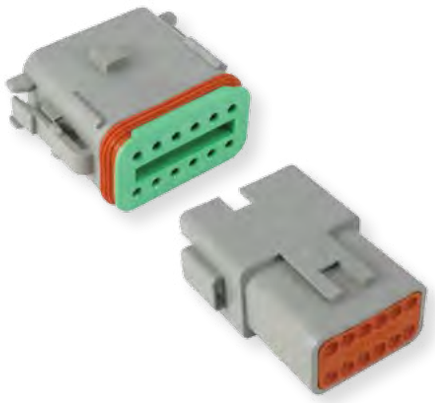
Special Modifications

The DT Series connectors offer several modifications to enhance the design flexibility and meet application specific needs. Options include enhanced seal retention, flanges, and connector body color just to mention a few. By combining the DT Series connectors with the available modifications and accessories, the design possibilities are immense.

B016 Modification

The B016 receptacle modification helps prevent mis-mating. The B016 is available for the DT 12 way connectors, DT13/15, and DTF13/15 PCB Series connectors. In addition to the four keying positions (A, B, C, or D) and color coding, the B016 enhancement gives the user both visual and tactile proof of correct mating, thus eliminating mis-mating opportunities during assembly.

Please note the P012 plug is the required mate for the B016 receptacle to make the enhancement effective.



P012 Modification







The DT P012 plugs provide enhanced front seal retention resulting in an ultra tight environmental seal. The enhanced seal retention keeps the seal in place during mating and unmating. The P012 modification requires an enhanced P012 wedgelock. The DEUTSCH P012 modification is available in 2, 3, 4, 6, 8, and 12 cavity arrangements. P012 plugs have a black connector body except for the 8 and 12 cavity arrangements, where the color is based on the key.

E007 & E008 Modification

To meet the application requirements where wires need added protection, the DT (E008) and DTM (E007) Series may be supplied with shrink boot adapters. These adapters accept shrink tubing.



Flange Modifications

Designed to simplify wire routing and assembly, DT Series receptacles are available in many mounting configurations and styles.

Welded flange

- Welded flange - BL04, BL08, CL03, L012, LE14
- Welded flange, end cap - LE07, LE11
- Welded flange, shrink boot adapter - LE08, LE12

Sealed flange

- Sealed flange, end cap - CL09, LE01, LE05, LE06, LE09, LE10, LE17, LE21
- Sealed flange, shrink boot adapter - BL10, CL07



C015 Modification

The C015 modification offers a reduced diameter insert cavity allowing for a proper seal with smaller wire insulation. The C015 modification is also referred to as an "E" seal.



E003 Modification

The E003 modification offers a protective end cap attached to the rear of the connector. There are holes in the cap to allow the contacts to be inserted.



E004 Modification

The E004 modification changes the connector body color to black.



E005 Modification

The E005 modification offers a protective end cap attached to the rear of the connector and has a black connector body.



Notice

Additional modifications are available, please contact your representative.

Accessories

Several accessory items are available to complement the connectors including boots, backshells, gaskets, dust caps, and mounting clips. Accessory items cover a wide array of design requirements such as assisting with mounting, providing additional protection, and offering enhanced aesthetics.

Gaskets

Exclusive to LADD Distribution

Moisture, dirt, salt, sand, and road debris can all work their way into electrical panels through unsealed mounting flanges. Rated to operate in environments from -70°F to +225°F, these rugged high quality neoprene gaskets form a tight seal between the panel face and connector flange to help keep out destructive elements. The gaskets have a thickness of .125" and meet the UL-94-HBF, Mil-R-6130C, and FMVSS-302 flammability specifications.



Gasket P/N	Connector P/N
DT3P-L012-GKT	DT04-3P-L012
DT4P-L012-GKT	DT04-4P-L012
DTP4P-L012-GKT	DTP04-4P-L012
DT8P-L012-GKT	DT04-08P*-L012
DT12-L012-GKT	DT04-12P*-L012 DTM04-12P*-L012

Dust Caps

Exclusive to LADD Distribution

The DT Series dust caps are made of either thermoplastic or durable plastisol and are designed to provide protection for the connector interface when the two halves are not mated. The plastisol caps, available for plugs and receptacles, are ideal for providing temporary protection from dirt, dust, and paint overspray. The thermoplastic caps provide an environmental seal for an unmated plug.



Thermoplastic Dust Cap P/N	Connector P/N
1011-344-0205	DT06-2S
1011-345-0305	DT06-3S
1011-346-0405	DT06-4S
1011-347-0605	DT06-6S
1011-348-0805	DT06-08S*
1011-349-1205	DT06-12S*, DT16-15S*, DT16-18S*



Plastisol Dust Cap P/N	Connector P/N
DTM3S-DC	DTM06-3S
DT3P-DC	DT04-3P
DT4P-DC	DT04-4P
DT6P-DC	DT04-6P
DTM12P-DC	DTM04-12P*
DT12P-DC, DT12P-DC-BK	DT04-12P*
DT12S-DC	DT06-12S*

Boots

Boots provide a professional looking finishing touch for DEUTSCH DT family connectors. Made of durable plastisol, these slip-on boots are not only aesthetically appealing, but also provide increased protection from dirt, paint overspray, and pressure washing. The plastisol boots are rated from -20° F to +212° F and offer a slip-on design making installation quick and easy.



Receptacle Boot Description	Boot Part Number		
	DT Series	DTM Series	DTP Series
2 way receptacle boot, gray	DT2P-BT	DTM2P-BT	DTP2P-BT
2 way receptacle boot, black	DT2P-BT-BK	DTM2P-BT-BK	DTP2P-BT-BK
3 way receptacle boot, gray	DT3P-BT	DTM3P-BT	-
3 way receptacle boot, black	DT3P-BT-BK	DTM3P-BT-BK	-
4 way receptacle boot, gray	DT4P-BT	DTM4P-BT	DTP4P-BT
4 way receptacle boot, gray, enhanced length	-	-	DTP4P-BT-EN
6 way receptacle boot, gray	DT6P-BT	DTM6P-BT	-
6 way receptacle boot, black	DT6P-BT-BK	-	-
8 way receptacle boot, gray	DT8P-BT	DTM8P-BT	-
8 way receptacle boot, black	DT8P-BT-BK	DTM8P-BT-BK	-
12 way receptacle boot, gray	DT12P-BT	DTM12P-BT	-
12 way receptacle boot, black	DT12P-BT-BK	DTM12P-BT-BK	-
12 way receptacle boot, gray, enhanced length	DT12P-BT-EN	-	-

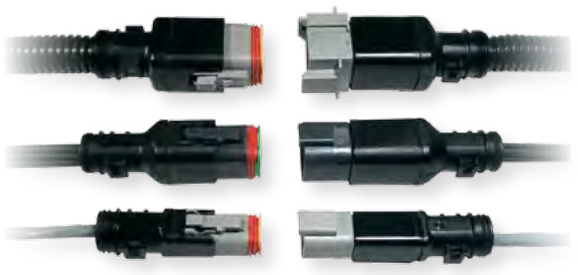
*Distorting the boots can lessen their longevity



Plug Boot Description	Boot Part Number		
	DT Series	DTM Series	DTP Series
2 way plug boot, gray	DT2S-BT	DTM2S-BT	DTP2S-BT
2 way plug boot, black	DT2S-BT-BK	DTM2S-BT-BK	-
3 way plug boot, gray	DT3S-BT	DTM3S-BT	-
3 way plug boot, black	DT3S-BT-BK	DTM3S-BT-BK	-
4 way plug boot, gray	DT4S-BT	DTM4S-BT	DTP4S-BT
4 way plug boot, gray, enhanced length	-	-	DTP4S-BT-EN
6 way plug boot, gray	DT6S-BT	DTM6S-BT	-
6 way plug boot, black	DT6S-BT-BK	-	-
8 way plug boot, gray	DT8S-BT	DTM8S-BT	-
8 way plug boot, black	DT8S-BT-BK	DTM8S-BT-BK	-
12 way plug boot, gray	DT12S-BT	DTM12S-BT	-
12 way plug boot, black	DT12S-BT-BK	DTM12S-BT-BK	-
12 way plug boot, gray, enhanced length	DT12S-BT-EN	-	-
48 way plug boot, gray	DT48S-BT	-	-

*Distorting the boots can lessen their longevity

Backshells



The DEUTSCH DT and DTM Series backshells are designed to snap onto and mate with all standard (basic plug and receptacles without modifications that affect the rear of the connector) DT and DTM Series connectors. The rigid, durable backshells offer a high level of protection and allow convoluted tubing to nest within the rear of the backshell. Straight (180°) and right angle (90°) versions and backshells with strain relief for jacketed cable are also available.

Since the backshells are designed to work with the standard DT and DTM connectors, tests should be conducted for fit and function of a backshell being used on any part with a modification.

Receptacle Backshells

Connector	Style	Strain Relief	Tubing Size (mm)	P/N
DT04-2P	180°		6, 7.5, 8.5, and 10	1011-229-0205
	180°	X	6, 7.5, 8.5, and 10	1011-257-0205
	90°		6, 7.5, 8.5, and 10	1011-230-0205
	90°	X	6, 7.5, 8.5, and 10	1011-258-0205
DTM*04-2P	180°		7.5 and 8.5	1028-021-0205
DT04-3P	180°		6, 7.5, 8.5, and 10	1011-233-0305
	180°	X	6, 7.5, 8.5, and 10	1011-261-0305
	90°		6, 7.5, 8.5, and 10	1011-234-0305
	90°	X	6, 7.5, 8.5, and 10	1011-262-0305
DT04-4P	180°		6, 7.5, 8.5, and 10	1011-237-0405
	180°	X	6, 7.5, 8.5, and 10	1011-265-0405
	90°		6, 7.5, 8.5, and 10	1011-238-0405
	90°	X	6, 7.5, 8.5, and 10	1011-266-0405
DTM*04-4P	180°		8.5	1028-027-0405
DT04-6P	180°		8.5, 10, and 13	1011-241-0605
	180°	X	8.5, 10, and 13	1011-269-0605
	90°		8.5, 10, and 13	1011-242-0605
	90°	X	8.5, 10, and 13	1011-270-0605
DT04-08P*	180°		8.5, 10, and 13	1011-245-0805
	90°		8.5, 10, and 13	1011-246-0805
DT04-12P*	180°		10, 13, and 17	1011-249-1205
	90°		10, 13, and 17	1011-250-1205

Plug Backshells

Connector	Style	Strain Relief	Tubing Size (mm)	P/N
DT06-2S	180°		6, 7.5, 8.5, and 10	1011-227-0205
	180°	X	6, 7.5, 8.5, and 10	1011-255-0205
	90°		6, 7.5, 8.5, and 10	1011-228-0205
	90°	X	6, 7.5, 8.5, and 10	1011-256-0205
DTM06-2S	180°		7.5 and 8.5	1011-273-0205
DTM*06-2S	180°		8.5	1028-041-0205
DT06-3S	180°		6, 7.5, 8.5, and 10	1011-231-0305
	180°	X	6, 7.5, 8.5, and 10	1011-259-0305
	90°		6, 7.5, 8.5, and 10	1011-232-0305
	90°	X	6, 7.5, 8.5, and 10	1011-260-0305
DT06-4S	180°		6, 7.5, 8.5, and 10	1011-235-0405
	180°	X	6, 7.5, 8.5, and 10	1011-263-0405
	90°		6, 7.5, 8.5, and 10	1011-236-0405
	90°	X	6, 7.5, 8.5, and 10	1011-264-0405
DTM*06-4S	180°		8.5	1028-008-0405
DT06-6S	180°		8.5, 10, and 13	1011-239-0605
	180°	X	8.5, 10, and 13	1011-267-0605
	90°		8.5, 10, and 13	1011-240-0605
	90°	X	8.5, 10, and 13	1011-268-0605
DT06-08S*	180°		8.5, 10, and 13	1011-243-0805
	90°		8.5, 10, and 13	1011-244-0805
DT06-12S*	180°		10, 13, and 17	1011-247-1205
	90°		10, 13, and 17	1011-248-1205
DT06-12S*-****	180°		13 and 17	1028-043-1205

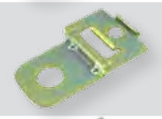
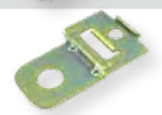
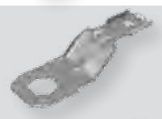
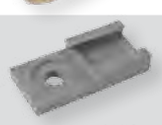
Pull Off Strength



Connector	F_P [N]	F_T [N]
DT04-2P / DT06-2S	50 / 50	50 / 10
DT04-3P / DT06-3S	50 / 50	50 / 50
DT04-4P / DT06-4S	50 / 50	50 / 25
DT04-6P / DT06-6S	50 / 50	50 / 30
DT04-08P* / DT06-08S*	50 / 50	50 / 35
DT04-12P* / DT06-12S*	50 / 50	50 / 40

Mounting Clips

Mounting clips are used to mount DT Series connectors. To meet design needs, the clips are available for several configurations and in plastic, stainless steel, or steel with zinc plating.

Mounting Clip	Part Number	Used On (Receptacles)	Mounting Direction	Color/Material	Hole O.D. inches (mm)
	1027-003-1200	DT 2, 3, 4, 6, 12 DTM, DTP (all)	Straight	Stainless steel	.433 (11.0)
	1027-005-1200	DT 2, 3, 4, 6, 12 DTM, DTP (all)	Straight	Stainless steel	.512 (13.0)
	1027-004-1200	DT 2, 3, 4, 6, 12 DTM, DTP (all)	Straight	Steel w/ zinc plating	.512 (13.0)
	1027-008-1200	DT 2, 3, 4, 6, 12 DTM, DTP (all)	Side	Steel w/ zinc plating	.433 (11.0)
	1027-013-1200	DT 2, 3, 4, 6, 12 DTM, DTP (all)	Side	Steel w/ zinc plating	.323 (8.2)
	1027-001-0800	DT 8 cavity only	Straight	Stainless steel	.433 (11.0)
	1027-006-0800	DT 8 cavity only	Straight	Stainless steel	.512 (13.0)
	1027-002-0800	DT 8 cavity only	Straight	Steel w/ zinc plating	.512 (13.0)
	1027-014-0800	DT 8 cavity only	Straight	Steel w/ zinc plating	.323 (8.2)
	1011-026-0205	DT 2, 3, 4, 6, 12 DTM, DTP (all)	Straight	Gray plastic	.200 (5.08)
	1011-030-0205	DT 2, 3, 4, 6, 12 DTM, DTP (all)	Straight	Black plastic	---
	1011-310-0205* *Connector removeable with 50N of force	DT 2, 3, 4, 6, 12 DTM, DTP (all)	Straight	Black plastic	---
	1011-027-0805	DT 8 cavity only	Straight	Gray plastic	.200 (5.08)

DT Family Printed Circuit Board Connectors

The DT Family offers printed circuit board (PCB) connectors that are heavy duty environmentally sealed connectors designed for wire-to-circuit board connections. Available in a variety of styles for the DT, DTM, and DTP connector series, DEUTSCH PCB connectors cover a range of pin counts from 2 to 48 and wire gauges from 10 to 22. Many of the connectors are available in straight or 90° pin options.

PCB Part Numbering System

DT* 13 - 6 P * - XXXX

- **DT*** — Series
  - Blank = DT Series
  - F = DTF Series
  - M = DTM Series
  - MF = DTMF Series
  - P = DTP Series
- **13** — Style
  - 13 = 90° pins
  - 15 = Straight pins
- **6** — Configuration
- **P** — Contacts
  - P = Pin
  - S = Socket
- ***** — Key
  - A, B, C, or D (if applicable)
- **XXXX** — Special Modifications

DT Family PCB Configurations

Connector Description	Pin/Flange Style			
	90° Flange	Straight Flange	90° Flangeless	Straight Flangeless
2 way receptacle, DT Series	DT13-2P	DT15-2P	DTF13-2P	-
3 way receptacle, DT Series	-	-	DTF13-3P	-
4 way receptacle, DT Series	DT13-4P	DT15-4P	DTF13-4P	-
4 way receptacle, DTP Series	DTP13-4P	DTP15-4P	-	-
6 way receptacle, DT Series	DT13-6P	DT15-6P	DTF13-6P	-
8 way receptacle, DT Series	DT13-08P*	DT15-08P*	-	-
12 way receptacle, DT Series	DT13-12P*	DT15-12P*	DTF13-12P*	DTF15-12P*
12 way receptacle, DTM Series	DTM13-12P*	DTM15-12P*	-	-
48 way receptacle, DTM Series	-	-	-	DTMF15-48P

* = Keying (A, B, C, or D)



Notice

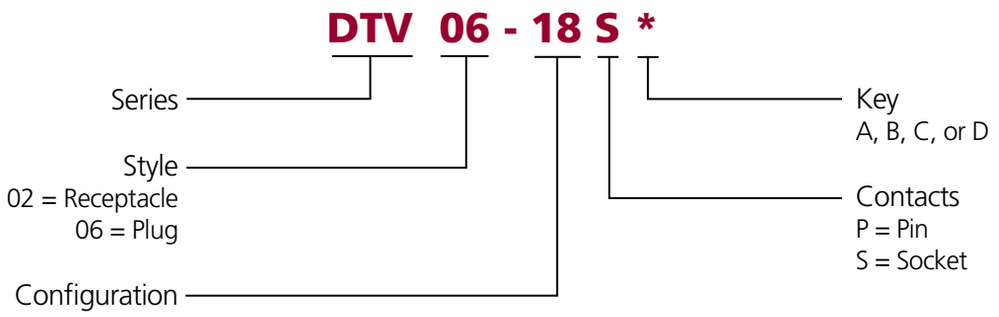
For additional information, please see the PCB section.

DTV Series Overview

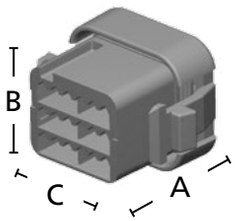
The DEUTSCH DTV Series connectors offer the same time tested reliability and performance as the DT Series, with the added flexibility of an 18 cavity flanged design.

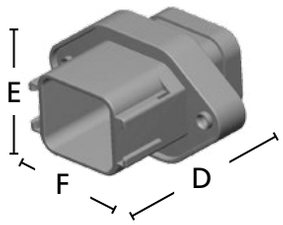


DTV Series Part Numbering System



DTV Series Dimensions





Cavity	DTV Plug			DTV Receptacle		
	Overall Length A	Overall Height B	Overall Width C	Overall Length D	Overall Height E	Overall Width F
18	1.405 (35.69)	1.059 (26.90)	1.450 (36.83)	2.495 (63.37)	1.786 (45.36)	3.194 (81.12)

Dimensions are for reference only.

Secondary Wedgelocks

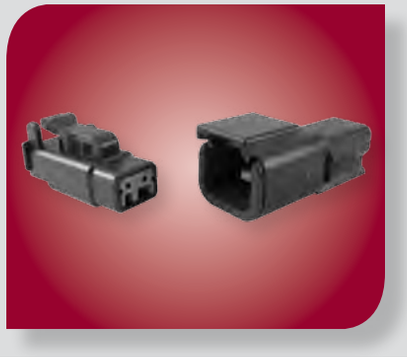
DTV Series Wedgelocks

Receptacle		
	WV-18P	Wedgelock for 18 way receptacle

Plug		
	WV-18S	Wedgelock for 18 way plug

DTMH Series & High Temperature Modification Overview

The DTMH Series and DTM Series EE04 modification connectors are environmentally sealed, high temperature connectors capable of operating in temperatures -55° to +150°C. They accept size 20 contacts and carry 7.5 amps each. The DTMH connectors are available in 2-4 cavity arrangements and feature an integrated TPA for easy assembly. The EE04 connectors are available in 6, 8, and 12 cavity arrangements and require a secondary wedgelock.

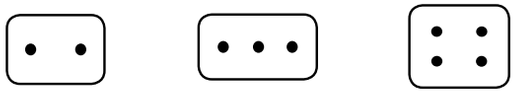


DTMH Series Part Numbering System

DTMH 04 - 2 P *

- Series
- Style
  - 04 = Receptacle
  - 06 = Plug
- Configuration
- Contacts
  - P = Pin
  - S = Socket
- Key
  - A, B, C, or D

DTMH Series Configurations

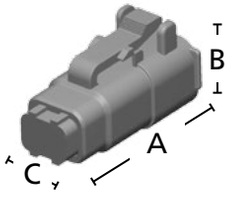


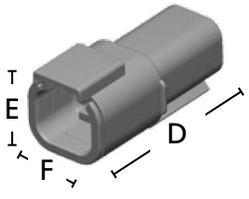
DTMH0*-2**
2 size 20

DTMH0*-3**
3 size 20

DTMH0*-4**
4 size 20

DTMH Series Dimensions





Cavity	DTMH Plug			DTMH Receptacle		
	Overall Length A	Overall Height B	Overall Width C	Overall Length D	Overall Height E	Overall Width F
2	1.085 (27.56)	.508 (12.90)	.555 (14.10)	1.620 (41.15)	.638 (16.21)	.729 (18.52)
3	1.085 (27.56)	.558 (14.17)	.640 (16.26)	1.620 (41.16)	.638 (16.21)	.894 (22.71)
4	1.185 (30.10)	.652 (16.56)	.680 (17.27)	1.720 (43.69)	.772 (19.61)	.834 (21.18)

Dimensions are for reference only.

DTM Series (EE04 Mod) Part Numbering System

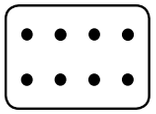
DTM 06 - 6 S * - EE04

- Series
- Style
  - 04 = Receptacle
  - 06 = Plug
- Configuration
  - 6, 8, or 12
- Contacts
  - P = Pin
  - S = Socket
- Key (if applicable)
- High Temperature, Black Modification

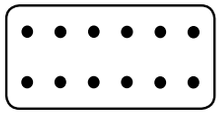
DTM Series Configurations



DTM0*-6*-EE04
6 size 20

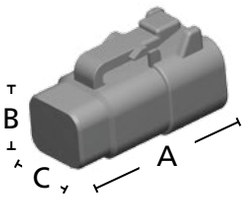


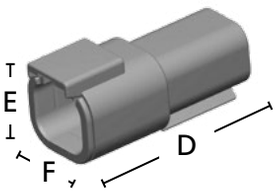
DTM0*-08-EE04**
8 size 20
A, B, C, D



DTM0*-12-EE04**
12 size 20
A, B, C, D

DTM Series Dimensions





Cavity	DTM Plug			DTM Receptacle		
	Overall Length A	Overall Height B	Overall Width C	Overall Length D	Overall Height E	Overall Width F
6	1.185 (30.10)	.817 (20.75)	.600 (15.24)	1.720 (43.69)	.937 (23.80)	.756 (19.20)
8	1.185 (30.10)	.600 (15.24)	1.245 (31.62)	1.720 (43.69)	.792 (20.12)	1.245 (31.62)
12	1.185 (30.10)	.600 (15.24)	1.575 (40.01)	1.720 (43.69)	.796 (20.22)	1.575 (40.01)

Dimensions are for reference only.

Notice

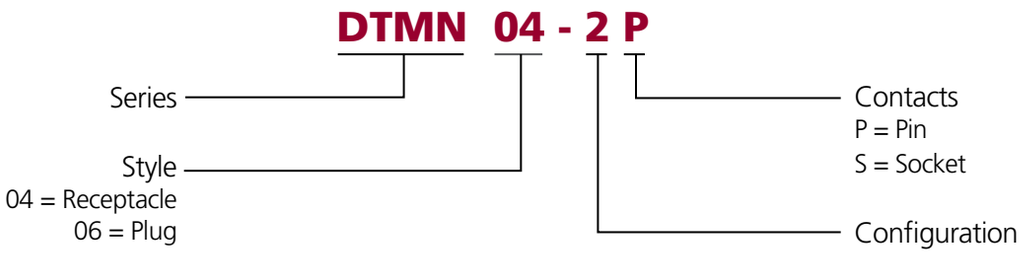
DTM EE04 modification connectors require a secondary wedgelock that is sold separately.

DTMN Series Overview

The DTMN is a non-environmentally sealed connector. The DTMN is available in a 2 or 3 cavity connector and accepts size 20 contacts. The DTMN connector is designed to offer high quality and reliability when a sealed connector is not required.



DTMN Series Part Numbering System



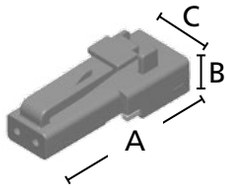
DTMN Series Configurations

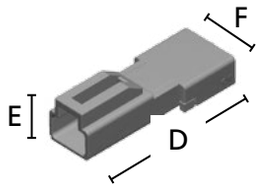


DTMN0*-2**
2 size 20

DTMN0*-3**
3 size 20

DTMN Series Dimensions





Cavity	DTMN Plug			DTMN Receptacle		
	Overall Length A	Overall Height B	Overall Width C	Overall Length D	Overall Height E	Overall Width F
2	.950 (24.13)	.346 (8.78)	.370 (9.40)	1.198 (30.43)	.334 (8.48)	.444 (11.28)
3	.945 (24.00)	.406 (10.31)	.785 (19.93)	1.188 (30.18)	.400 (10.16)	.810 (20.56)

Dimensions are for reference only.

How To Instructions

Contact Insertion



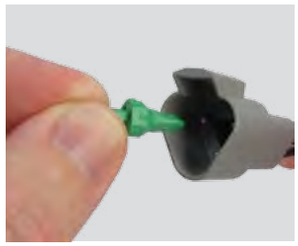
Step 1:
Grasp crimped contact approximately one inch behind the contact barrel.



Step 2:
Hold connector with rear grommet facing you.



Step 3:
Push contact straight into connector grommet until a click is felt. A slight tug will confirm that it is properly locked in place.



Step 4:
Once all contacts are in place, insert green wedge. The green wedge will snap into place.

Contact Removal



Step 1:
Remove green wedge using needlenose pliers to pull wedge straight out.



Step 2:
To remove the contacts, gently pull wire backwards, while at the same time releasing the locking finger by moving it away from the contact with a screwdriver.



Step 3:
Hold the rear seal in place, as removing the contact will displace the seal.

Notice

The receptacle is shown, use the same procedure for the plug.

Unikeyic Electronics

Global Electronic Components Distributor

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TE Connectivity:

2377783-2 1-794222-0 2310537-1 3-1393225-0 CRGCQ2010J3K3 SBCHE154R7K SMW73R0JT
2834055-1 1-962915-1 1743455-2 RH73H2A40MKTN 1903112-2 3430B2F51RTDF 650075-000
MPT100C18RF 175977-2 2-292161-3 917696-1 2005330-1 936348-1 TE50BR39J SBCHE64R7K
1393431-1 141991-2 1969656-1 ROX05SJ18R 2380312-2 3631B101LL CPF0402B37K4E1
U5254-000005-030PA