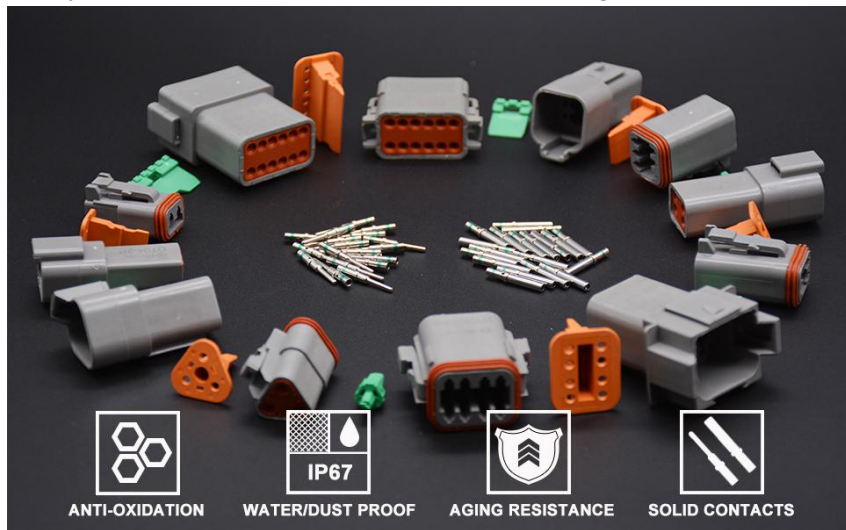


## Product Overview

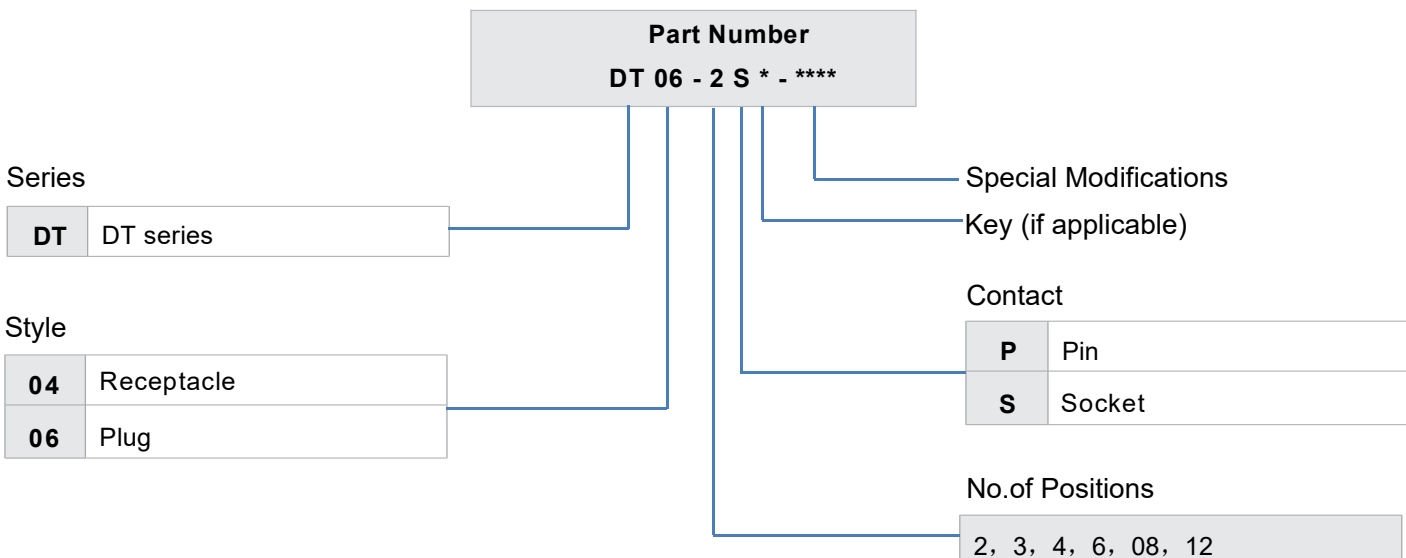
JRready's DT Series connectors encompass a wide range of products serving a variety of industries. With applications in Heavy Duty, Transportation, Marine, Diagnostic, Military, Alternative Energy and Agricultural industries, as well as spanning the gap between controlled to harsh environmental conditions, our DT Series connectors keep you connected with confidence. Although our products provide the best economic alternatives for today's standard connector market, it is through our continuous efforts to improve the standard products that truly demonstrate our innovative product design.



## Product Material

Shell/Wedge	PA66 Nylon
Seals	Silicone Elastomer
Grommet	Silicone Elastomer
Contacts	Solid: Tin Bronze; Finish: Nickel-plated(optinal Gold) Stamped: Phosphor bronze; Finish: Tin/Nickel-plated

## DT Series Part Numbering Sequence
















# CONNECTOR PERFORMANCE SPECIFICATIONS

JRready DT Series connectors are compatible with other existing standard products industry-wide.

Features & Benefits	
Current Capacity	Nominal Voltage Architecture (V): 12, 24, 48 Current (Amp) 16-14 AWG [1.5-2.00 mm <sup>2</sup> ]: 13 A 18 AWG [0.75 -1.00mm <sup>2</sup> ]: 10 A 20 AWG [0.50mm <sup>2</sup> ]: 7.5 A
Wire Range	Size 16 contacts will accept wire ranges of 14 thru 20AWG
Temperature	Operating temperature range: -40°C to +125°C at rated current
Dielectric Value	Meets or exceeds 1500 volts minimum
DropTest	Shall not become detached or loosened when placed at 750mm and dropped to concrete eight times
Connector Terminal Retention	When subjected to a direct pull, contacts achieve a minimum pull-out force of 25 lbs.
Connector Retention	A mated connector subjected to a pulling force by the exiting wire bundle at 25 lbs. times the number of contacts to a maximum of 100 lbs. applying load for 30 seconds
Mating Cycle Durability	Following 100 cycles of connection engagement and disengagement, degradation either mechanical or electrical is not evident
Contact Millivolt Drop	Size 16 contacts with 16AWG conductor - 100 mV drop max at 13A test current
Waterproof IP Ratings	IP67

## DT SERIES ORDERING INFORMATION

Plugs 、 Receptacles and Wedges

Position	Plug	Wedgelock	Receptacle	Wedgelock
2	DT06-2S 	W2S 	DT04-2P 	W2P 
3	DT06-3S 	W3S 	DT04-3P 	W3P 
4	DT06-4S 	W4S 	DT04-4P 	W4P 
6	DT06-6S 	W6S 	DT04-6P 	W6P 
8	DT06-08S 	W8S 	DT04-08P 	W8P 
12	DT06-12S 	W12S 	DT04-12P 	W12P 

**NOTE:** Wedgelocks are required for all plug and receptacles

# DT SERIES CONTACT INFORMATION

JRready offers two types of contacts for use in our products: Solid and Stamped & Formed. Both types of contacts utilize the simple crimp-style termination, requiring no solder usage.



## Standard Contacts - Solid Sockets & Pins

Size	AWG	Type	Part Number	Description
16	14-20	Solid	0462-209-1631	Female Contact - Socket, Gold-plated
16	14-20	Solid	0462-209-16141	Female Contact - Socket, Nickel-plated
16	14-20	Solid	0460-215-1631	Male Contact - Pin, Gold-plated
16	14-20	Solid	0460-215-16141	Male Contact - Pin, Nickel-plated



## Standard Contacts - Stamped & Formed Sockets & Pins

Size	AWG	Type	Part Number	Description
16	14-18	S & F	1062-16-0122	Female Contact - Socket, TIN/Nickel-plated
16	14-18	S & F	1060-16-0122	Male Contact - Pin, TIN/Nickel-plated

# JRready DT Connector Kit

**DT Connectors**  
2 3 4 6 8 and 12 pin  
PA66 Nylon IP67

**Crimping Tool**  
Wire Range 12-22 AWG  
4 indent 8 impression

**DRK-RT1**  
Pick Removal Tool  
440C Steel HRC45-50

**Solid Contacts**  
Crimp Wire 14-20AWG  
Tin Bronze

## Wedge Lock&Contact Remove and install schedule

- Place the flat end of the removal tool on top of the wedge lock inside the connector**
- Lift the orange wedge lock slowly**
- Remove the wedge lock from the connector**
- Align the hooked end with the middle of the green wedge lock**
- Rotate the removal tool by 90 °**
- Hook the green wedge lock and pull it straight out of the connector**
- Place the flat end of the removal tool in the snap position on the connector's internal socket, and then slowly lift it up**
- Pull out the wire from the end of the wire**
- Remove the terminal**
- Align the green wedge lock with the connector**
- Put in the green wedge lock**
- Press the green wedge lock firmly with the flat end of the removal tool**

# DT SERIES ACCESSORIES & TOOLS

Crimp Tools	P/N	Description
	JRD-HDT-48	4-indent Hand Crimp Tool, Suitable for crimping Deutsch #12/#16/#20 Solide Contacts Crimp Wire Range: 12-22AWG Advantage: Long Lever design, labor-saving
	NEW-DT2	4-indent Hand Crimp Tool, Suitable for crimping Deutsch #12/#16/#20 Solide Contacts Crimp Wire Range: 12-22AWG Advantage: Same as JRD-HDT-48 Multicolor oxidation color
	ACT-M202	4-indent Minitype Hand Crimp Tool, Suitable for crimping Deutsch #12/#16/#20 Solide Contacts Crimp Wire Range: 12-22AWG Advantage: Miniaturization design, portable Recommend crimping #16 , #20 Contacts
	NEW-DT1	4-indent Minitype Hand Crimp Tool, Suitable for crimping Deutsch #12/#16/#20 Solide Contacts Crimp Wire Range: 12-22AWG Advantage: Same as ACT-M202 Multicolor oxidation color Recommend crimping #16 , #20 Contacts
	YJQ-W2DTQ	Pneumatic 4-indent Crimp tool, Suitable for crimping Deutsch #12/#16/#20 Solide Contacts Crimp Wire Range: 12-22AWG Advantage: Work faster and more efficient
	ACT-LY-16DT	DT 16# Stamping Terminal Hand Crimping Pliers, Suitable for wire diameter range of 18-14AWG Other P/N Optional: ACT-LY-20DT For DTM 20# Stamping Terminal ACT-LY-12DT FOR DTP 12# Stamping Terminal
Removal Tools	P/N	Description
	DRK-RT1	Used for removal of contacts and wedges (Suite for DT,DTM,DTP,DTV,DRB,DRCP and STRIKE connectors)
	0411-310-1605	Removal Tool, plastic, Size 16, Suite wire range 18-16 AWG,Maximum Insulation Diameter 3.4mm
	0411-291-1405	Removal Tool, plastic, Size 16, Suite wire range 16-14 AWG,Maximum Insulation Diameter 3.81mm