



Precision Race Services Inc.

*16 749 Dixie Highway
Suite 9*

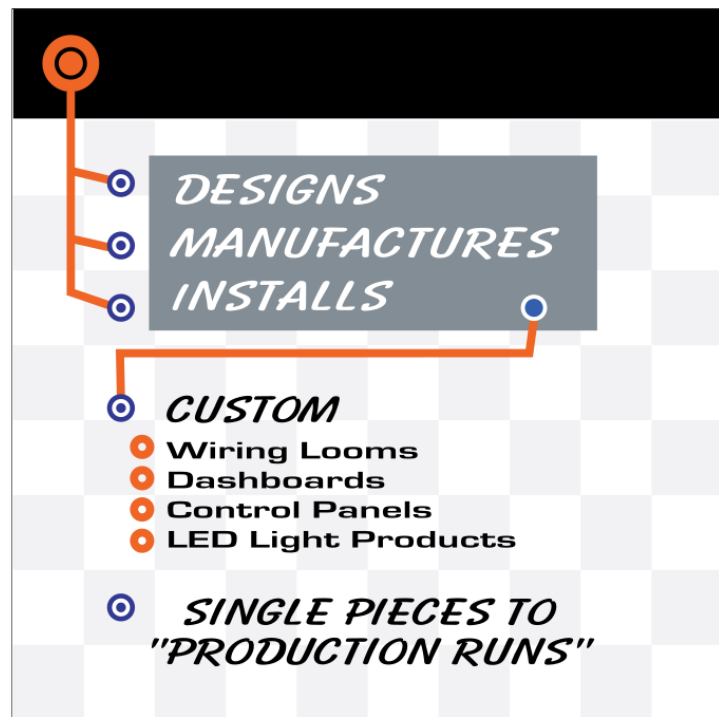
Davisburg, MI. 48 350

(248) 634-4010 phone

(248) 634-4014 fax

Email - info@p-r-s.com

*Email or call us for pricing
on all items listed within our catalog.*





DELPHI



DEUTSCH® POWER CONNECTORS

Crimp –type solid contact sizes 4,8 and 12 accept wire sizes AWG 6, AWG 8, AWG 10, AWG12 and 14 respectively. For those heavy-duty rated circuits requiring power, specify the Deutsch I.P.D. Power Plug Series. Use the single-pin Power Connector for high current uses up to 100 amps.

12-gauge pin
12-gauge 2 pin
12-gauge 4 pin
8-gauge pin
4-gauge pin



BOSCH® CONNECTORS

We stock a variety of Bosch connectors used for specific applications.

BOSCH ECU (4.0 Shown)
3-pin Female
2-pin Male (Typical use: oxygen sensor)
2-pin Female (Typical use: fuel injectors)



PACKARD® WEATHERPACK CONNECTORS

Interface harnesses to accessories-- inexpensively! The pins and sockets are fold-over crimp style, so we recommend soldering them after crimping. These connectors are not recommended for applications requiring frequent connects and disconnects.

All Packard Connectors are available Please call for Availability!





DEUTSCH Connectors

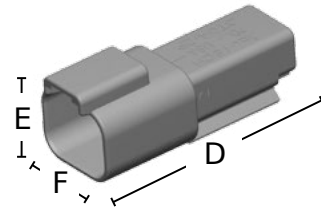
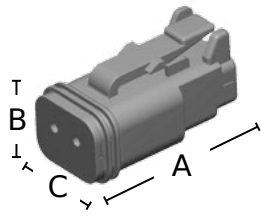
DT, DTM, DTP Series

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.

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.

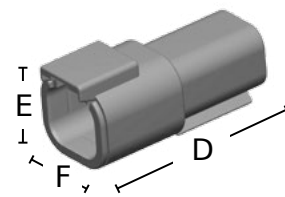
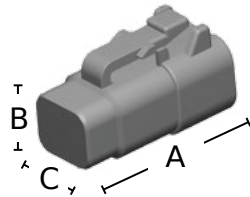
DEUTSCH DTP Series connectors provide solutions for your power application requirements. Building on both the DT and DTM design strengths, the DTP connector line was developed to fill the need for higher amperage, multi-pin, inexpensive connectors. The DTP Series offers the designer the ability to use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





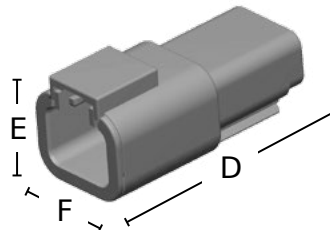
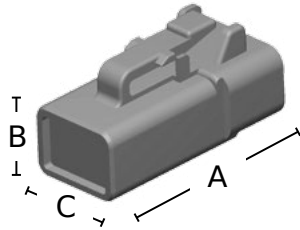
Cavity	DT Plug			DT Receptacle		
	Overall Length A	Overall Height B	Overall Width C	Overall Length D	Overall Height E	Overall Width F
2	1.118 (28.4)	.628 (15.95)	.591 (15.01)	1.708 (43.38)	.670 (17.02)	.675 (17.15)
3	1.118 (28.4)	.934 (23.72)	.718 (18.23)	1.698 (43.13)	.973 (24.71)	.832 (21.13)
4	1.218 (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.



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)

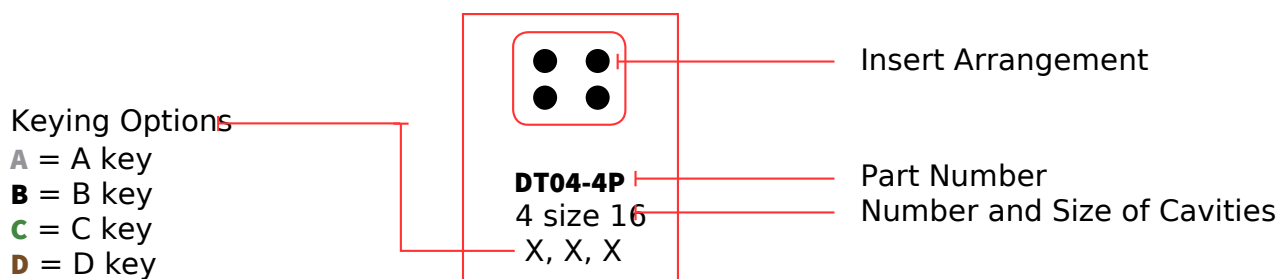
Dimensions are for reference only.



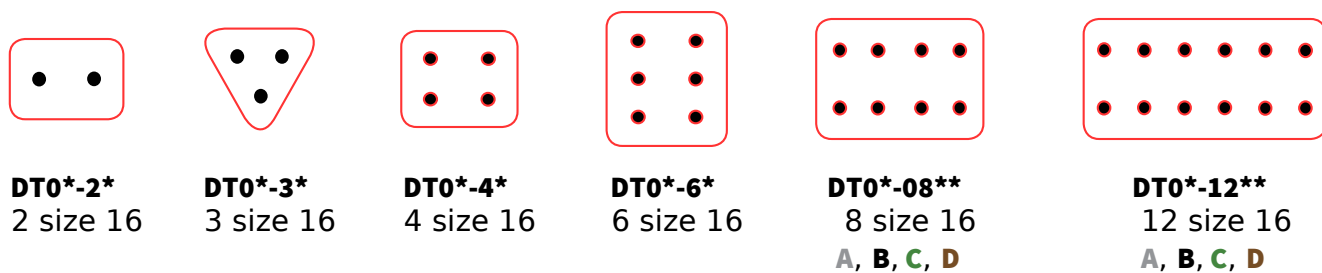
Cavity	DTP Plug			DTP Receptacle		
	Overall Length A	Overall Height B	Overall Width C	Overall Length D	Overall Height E	Overall Width F
2	1.364 (34.65)	.711 (18.06)	.732 (18.59)	1.861 (47.27)	.869 (22.07)	.972 (22.15)
4	1.364 (34.65)	.960 (24.38)	.868 (22.05)	1.861 (47.27)	1.069 (27.15)	1.060 (26.92)

Dimensions are for reference only.

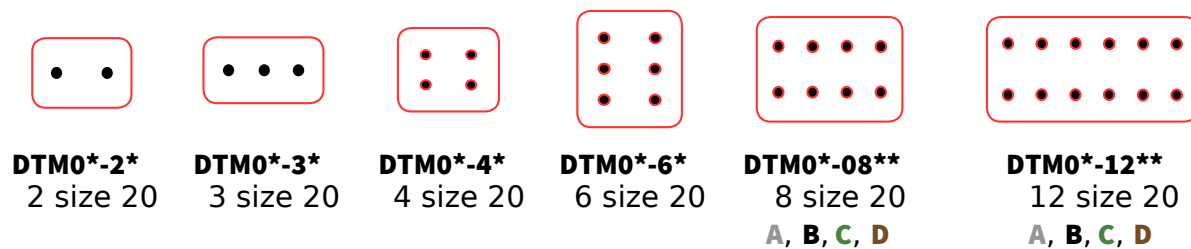
DT Family Connector Configurations



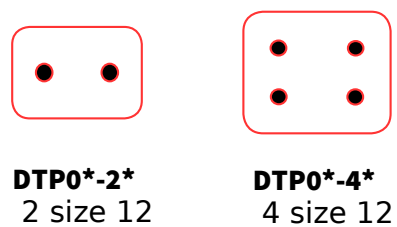
DT Series Configurations



DTM Series Configurations



DTP Series Configurations









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

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

MIL-SPEC® CONNECTORS



These circular connectors provide the most reliable connection. The connector pins are goldplated and will provide a large number of connects and disconnects. When you need a modular harness, the panel mount receptacles provide an excellent way to transgress vehicle bulkheads. We recommend the MS3474 series (single jam nut style) as bulkhead connectors for their ease of installation and removal. These are listed using the MIL-SPEC part number to help you choose the correct connectors.

CALL PRS FOR ASSISTANCE WITH YOUR ORDER

Shells								
08	10	12	14	16	18	20	22	24
8-33*	10-6*	12-10*	14-19*	16-26*	18-32*	20-41*	22-55*	24-61*
3 # 20	6 # 20	10 # 20	19 # 20	26 # 20	32 # 20	41 # 20	55 # 20	61 # 20
8-98*		12-3*	14-15*	16-8*	18-11	20-39*	22-41*	24-31
3 # 20		3 # 16	14 # 20 1 # 16	8 # 16	11 # 16	37 # 20 2 # 16	27 # 20 14 # 16	31 # 16
		14-12*			18-8*	20-16*	22-21*	24-19
		8 # 20 4 # 16			8 # 12	16 # 16	21 # 16	19 # 12
		14-5*					22-12	
		5 # 16						
		14-4*						
		4 # 12						

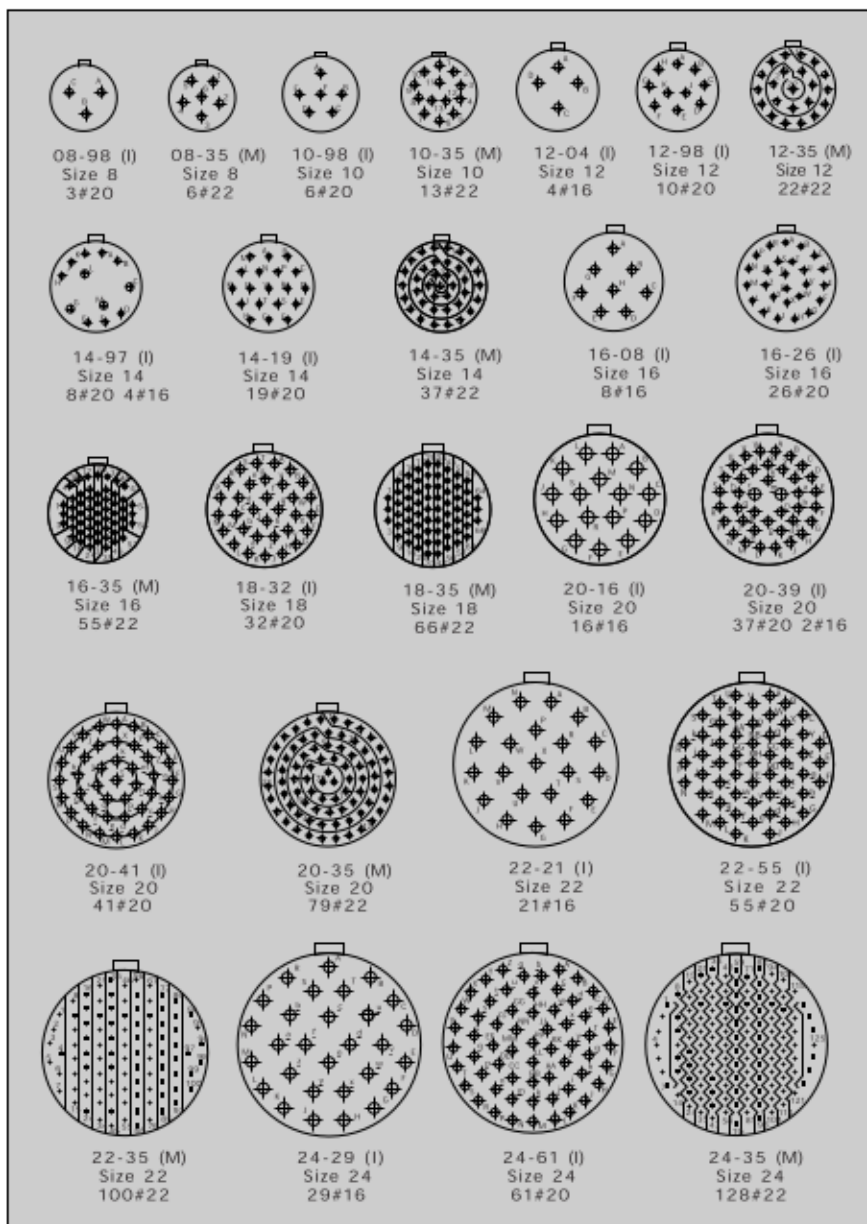
DEUTSCH AUTOSPORT® CONNECTORS



Features

- High Density Arrangements
- 20 Amp, 7.5 Amp, 5 Amp pin ratings
- Positive Locking Connectors
- Conductive Black Zinc Finish
- Environmental Sealed to IP67
- Several Keyings Available
- In-Line and Flange Mounting
- Standard Gold Plated Crimp Contacts
- Backshells Not Required
 - Intergal Backshell for shrink boots

CALL PRS FOR ASSISTANCE WITH YOUR ORDER



SWITCHES

GENERAL PURPOSE SWITCHES

We stock MIL-SPEC Microswitch® toggle switches for all switching purposes.

SPST	3006
SPST (MOM)	3074
SPDT Center Off	3007
SPDT	3008
SPDT (MOM)	3075
DPDT	3012
DPDT Center Off	3013
4PDT Center Off	3014
4PDT	3015
DPST	3009



STEERING WHEEL MOUNTABLE SWITCHES

OTTO
Expect Excellence.

APEM

+other fine manufacturers.

Momentary Push Button	3028
Momentary Toggle (SPDT)	3070
Weather Cover	3029
Latching Push Button	3085

NOTE: We manufacture custom switch assemblies with 1 to 4 switches interfacing to a single coil cord. Clean up those multiple cords and combine all your accessories (Radio, Pit Speed, Drink Bottle, Trans Brake, Line Lock, etc.) in to one neat assembly.



MASTER SWITCHES

Merit® Single-pole Master Switch	3016
Three-pole Master Switch w/ Alternator Kill	3017



MISC SWITCHES

Brake Pressure Switch	A pressure-sensitive switch used to activate the brake lights or other accessories. Brake pressure switch 3046
Starter Switch	A high-quality momentary push button switch for dependable engine starting. Starter switch 3027



BOSCH® RELAYS & MOUNTS

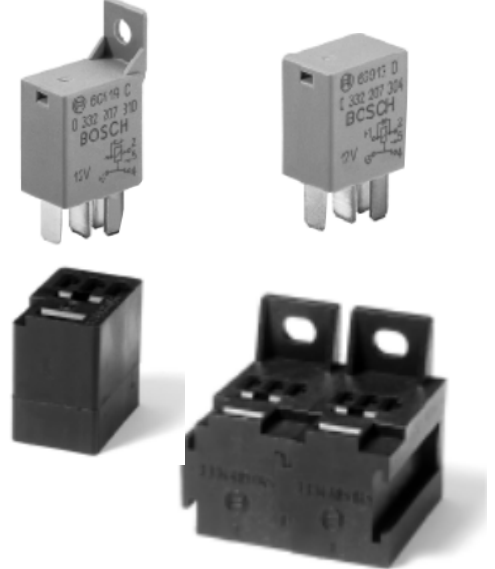
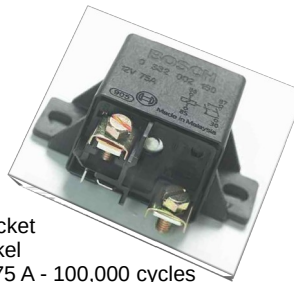
STANDARD MINI RELAY LOAD TABLE

LOAD GROUP	VOLTAGE	CONTACT POSITION	RESISTIVE LOAD		MOTOR LOAD		LAMP LOAD		INDUCTIVE LOAD	
			Continuous	Life Cycles	In rush/ Continuous	Life Cycles	Continuous	Life Cycles	Continuous/ Inductivity	Life Cycles
5	12V	NO	40A	200,000	50/25A	100,000	30A	100,000	15A/8mH	50,000
			30A	300,000			20A	200,000		
			10A	500,000			10A	500,000		
6	12V	NO	40A	200,000	50/25A	100,000	30A	100,000	24A/2mH	100,000
			30A	300,000			20A	200,000		
			10A	500,000			10A	500,000		
7	12V	NO	40A	200,000	50/25A	100,000	30A	100,000	24A/8mH	100,000
			30A	300,000			20A	200,000		
			10A	500,000			10A	500,000		
		NC	20A	250,000	N/A	N/A	10A	100,000	15A/8mH	100,000
8	12V	NO	30A	250,000	75/30A	100,000	30A	100,000	24A/8mH	100,000
			20A	300,000			20A	200,000		
			10A	500,000			10A	500,000		
		NC	20A	250,000	N/A	N/A	10A	100,000	15A/8mH	100,000



75amp Relay

Voltage: 12 V
 Continuous Duty - Dual Contact
 Form: SPST
 Enclosure: Standard cover w/bracket
 Contact Material: Dual Silver Nickel
 Life Tests Resistive Load - N/O: 75 A - 100,000 cycles
 Resistive Load - N/C: n/a
 Motor Load - N/O: 60 A (250 A In-rush)- 40,000 cycles
 Mechanical Life: 1,000,000
 Coil Specifications Coil Operating Current: 290 mA
 Equivalent Coil Resistance: 46 +/- 3ohm
 Pull-in Voltage: <= 8.0 V
 Drop-out Voltage: 1.5 - 4.0 V
 Operating Conditions Operating
 Temperature: -40 C to +100 C Humidity Test: 95% for 7 days
 Salt Spray Test: 144 hours Dust Test: 8 hours



MICRO RELAY LOAD TABLE

LOAD GROUP	VOLTAGE	CONTACT POSITION	RESISTIVE LOAD		MOTOR LOAD		LAMP LOAD		INDUCTIVE LOAD	
			Continuous	Life Cycles	In rush/ Continuous	Life Cycles	Continuous	Life Cycles	Continuous/ Inductivity	Life Cycles
9	12V	NO	20A	300,000	30/15A	200,000	20A	150,000	4A/4mH	300,000
10	12V	NO	20A	300,000	35/20A	100,000	N/A	N/A	N/A	N/A
		NC	10A	300,000	N/A	N/A	N/A	N/A	N/A	N/A
11	12V	NO	20A	300,000	30/15A	200,000	20A	150,000	4A/4mH	300,000
		NC	10A	150,000	N/A	N/A	10A	75,000	N/A	N/A
12	24V	NO	10A	250,000	N/A	N/A	N/A	N/A	N/A	N/A
		NC	5A	250,000	N/A	N/A	N/A	N/A	N/A	N/A

OPERATING CHARACTERISTICS	MECHANICAL CHARACTERISTICS	ENVIRONMENTAL CHARACTERISTICS
Response Time ~ 10 mS Response Time, with Diode ~ 15 mS Contact Voltage Drop - New, at 10A ~ 50 mV - After life test ~ 200 mV Mechanical Life > 1,000,000 Coil Inductance ~ 190mH (12V) ~ 750mH (24V)	Random Vibration Test 10 Hz...1000Hz for 4 h Sine Wave Vibration Test 10 Hz...200Hz, 2.5 G's for 3 h Drop Test - All sides 1 meter Terminal Retention Force > 110 N Cover Retention Force > 220 N Cover Crush Force > 220 N	Operating Temperature -40°C to +100°C (12V) -40°C to +85°C (24V) Humidity Test 95% for 7 days Salt Spray Test-All sides 48 hours Dust Test 8 hours

BATTERY ACCESSORIES

BATTERY CABLE ACCESSORIES

Battery Cable Lugs	1-gauge	3/8 inch	2501
	2-gauge	1/4 inch	2502
	2-gauge	3/8 inch	2503
	2-gauge	5/16 inch	2504
	4-gauge	3/8 inch	2505
	6-gauge	1/4 inch	2508
	6-gauge	5/16 inch	2518
	6-gauge	3/8 inch	2507
	8-gauge	5/16 inch	2517
	8-gauge	3/8 inch	2516



Battery Cable Bulkhead Pass Thru	2775
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Red and Black Terminal Blocks 2831, 2832

Battery Charge Anderson Plugs	175 Amp	Gray	2520
	175 Amp	Red	2521
	50 Amp	Gray	2522



BRAIDED GROUNDING STRAPS



8"	2814
13"	2777
24"	2776



BOOTS & TERMINAL BLOCKS

Other power connection accessories such as molded insulating boots (multiple sizes and colors) and terminal blocks are also in stock. Please call for pricing and availability.



Chemical and Heat Resistant Housing. Ergonomic release provide over 50 lbs retention. Touch safe female connectors. Dual pole housings prevent shorting from reverse mating. Optional hex key. Easily mated and un-mated. Silver-plated, high conductivity contacts. Easy assembly.
Applications: Back-Up Power; Power Supplies; Cellular Infrastructure; Telecommunications; Industrial Power



Descripti on	PRS#
Single Pin	9601
Dual Pin	9602
Dual Pin Panel Mount	9603

LIGHTS

INDIVIDUAL 12 VOLT LEDs

Ideal for Warning Lights, Shift Lights or Dash Indicators

Each unit is assembled with a built current limiting resistor necessary for 12 volt operation as well as MIL-SPEC wire and covered in Raychem DR-25 shrink.

Available in RED, ORANGE, YELLOW, GREEN, BLUE and WHITE

5mm (Red, Orange, Yellow, Green)
5mm (Blue, White)
10mm (Red, Orange, Yellow, Green)



12 VOLT LED ASSEMBLIES

1" or 2" Assemblies

Ideal for cockpit, vehicle identification or tail/brake light



Description	Typical Use
1" Yellow or Red	Cockpit lights
2" Red or Orange – 1 intensity level	Cockpit lights
2" Red or Orange – 2 intensity levels	Tail/Brake Lights

ultimate rain light

The **ultimate rain light** is constructed of 50 individual superbright LEDs pre-assembled to operate on a 12 volt circuit. These LEDs are also uniquely positioned to match the viewing axis of oncoming drivers. The **ultimate rain light** kit contains mounting hardware (2 – M4 x 8 screws and 2 – 6 x 32 screws) and a mounting template.

This product is only available through our distributors. Please contact:

Averill Racing Stuff
Madison Heights, Mi
(248) 585-9138

Pegasus
New Berlin WI
(262) 317-1234

Motorsports Spares
Indianapolis, IN
(317) 241-7500



CUSTOM LIGHTING

- Car identifications
- Dash indicators
- Number panels
- Tail Lights
- Turn Signal indicators
- Electroluminescent Panels

WIRE

We stock high-quality top-of-the-line Tefzel® MIL-SPEC wire and automotive grade TXL® wire.
Choose from 31 colors.

TEFZEL®

Gauge
8
10
12
14
18
20
22
24
26

*Solids and Stripe
available.*

info@p-r-s.com

TXL®

Gauge
10
12
14
18
20
22

*Solids and Stripe
available.*

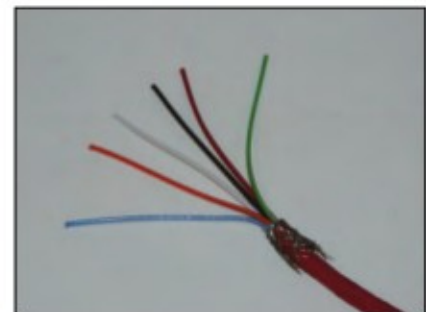
info@p-r-s.com

BATTERY CABLES

TYPE	DESCRIPTION	GAUGE
Superflex	More flexible and versatile than standard Cable and SGT. Available in RED or BLACK.	1
		2
		4
		6
SGT	Available in RED or BLACK.	2
		4
		6

SHIELDED MULTI-CONDUCTOR CABLE

Description	PRS#
1-conductor 24-gauge	1C24
1-conductor 22-gauge	1C22
2-conductor 22-gauge	2C22
3-conductor 22-gauge	3C22
3-conductor 20-gauge	3C20
3-conductor 18-gauge	3C18
4-conductor 24-gauge	4C24
6-conductor 22-gauge	6C22



Military Spec Wiring Color Chart * = Color

Black 0	Brown 1	Red 2	Orange 3	Yellow 4	Green 5	Blue 6	Violet 7	Gray 8	White 9

HARNESS COVERINGS

SPLIT CONDUIT (OEM)

Size range from 1/4" to 1 1/8"
Typically used for wiring loom covering.



RAYCHEM® VITON

Size range from 1/8" to 1/4"
360° coverage for your loom.
Heat shrink ratio 2:1
Typically used inside fuel cells.



RAYCHEM® GLUE SHRINK ATUM

Size range from 1/8" to 1 1/2"
Typically used to cap the end of loom covering or cover the union between a covering and a connector.



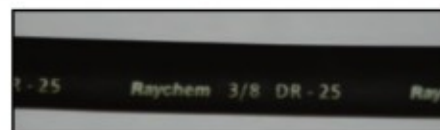
EXPANDO XT

Size range from 1/8" to 1 1/4"
360° coverage for your loom.
Typically used for wiring loom covering.



RAYCHEM® DR-25 SHRINK WRAP

Size range from 1/8" to 1"
360° coverage for your loom.
Heat shrink ratio 2:1
Typically used for wiring loom covering.



RAYCHEM® HOT MELT GLUE

Used with other Raychem products to seal the overlapping joints creating a water tight loom.



Roundit® 2000 NX - Self-wrapping Sleeve

High Temperature

Features & Benefits

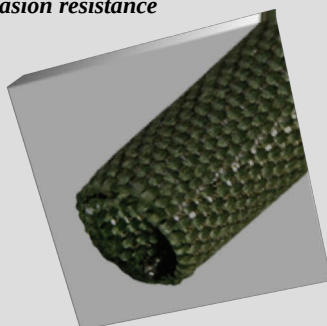
- Excellent cut-through and abrasion resistance
 - Self-wrapping design
 - Halogen-free
 - Tough fabric texture
 - Lightweight construction
 - Aesthetic solution
 - Oil and water repellent
- Operating Temperature
- From -60°C to +200°C

5mm---4330

8mm---4331

13mm-4332

19mm-4333



Firesleeve - Light Weight

Lightweight firesleeve is a very effective insulator. Designed to protect hose assemblies in areas of high radiant heat its braided construction maintains excellent flexibility over its temperature range of -40°C to +220°C. The sleeve is self extinguishing and has excellent fluid resistance. This sleeve can also be used to protect wire harnesses, sensor wires and, due to its elastic structure, small electrical components.

1/2"---4289

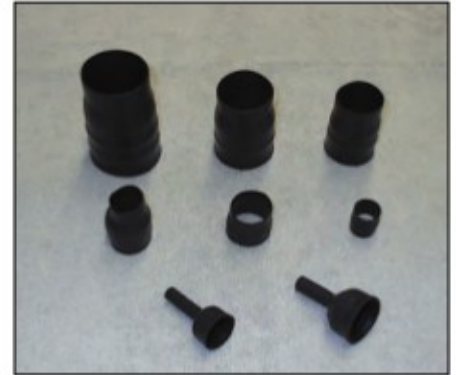


SHRINK TO FIT BOOTS

RAYCHEM® DR-25 STRAIGHT BOOTS

*= Shrink size is affected by object being covered.

PRS No.	Raychem® No.	Pre-shrunk Size (in.)		Shrunk Size* (in.)		
		End 1 ID	End 2 ID	End 1 ID	End 2 ID	Length
2027	202 A 111-4	0.65	.65	0.31	0.15	1.00
2023	202 D 121-4	0.92	.92	0.41	0.22	1.50
2000	202 D 132-4	1.12	1.12	0.56	0.26	2.16
2002	202 D 142-4	1.22	1.22	0.70	0.28	2.63
2004	202 D 153-4	1.42	1.42	0.88	0.33	3.15
2006	202 D 163-4	1.68	1.68	1.11	0.39	4.08
2024	202 D 921-4	0.76	0.25	0.51	0.08	2.37
2029	202 D 932-4	1.03	0.30	0.75	0.10	2.92



RAYCHEM® DR-25 90° BOOTS

*= Shrink size is affected by object being covered.

PRS No.	Raychem® No.	Pre-shrunk Size (in.)		Shrunk Size* (in.)		
		End 1 ID	End 2 ID	End 1 ID	End 2 ID	Length
2026	222 A 111-4	0.7	0.7	0.31	0.15	0.68
2040	222 D 121-4	0.92	0.92	0.41	0.22	0.84
2001	222 D 132-4	1.18	1.18	0.56	0.25	1.33
2003	222 D 142-4	1.28	1.28	0.68	0.27	1.44
2005	222 D 152-4	1.42	1.42	0.86	0.33	1.72
2007	222 D 163-4	1.73	1.73	1.08	0.39	2.11
2028	222 D 921-4	0.76	0.25	0.51	0.08	1.75
2031	222 D 932-4	1.03	0.3	0.75	0.1	2.65
2025	222 D 953-4	1.35	0.38	1.02	0.12	3.2

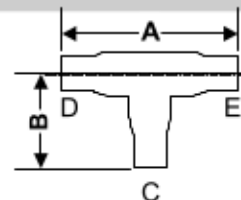
***Boots available with epoxy lining.
Also available in - 25 compound.***

SHRINK TO FIT TRANSITION

We stock Raychem® transitions in a variety of styles, including T-shaped, Y-shaped, and three-to-one transitions. Transitions come in a variety of sizes— consult the tables below to find the right size.

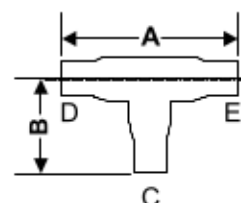
RAYCHEM® “T” TRANSITIONS

PRS No.	Raychem® No.	Cable Diameter	Shrunk Dim. (in.)	
		C,D,E (in.)	A	B
2250	301A011-4	.27 - .52	2.31	1.16
2251	301A022-4	.14 - .26	1.17	.58



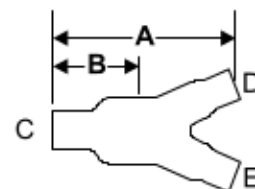
RAYCHEM® 90° BREAKOUT TRANSITIONS

PRS No.	Raychem® No.	Cable Diameter	Cable Diameter	Shrunk Dim.(in.)	
		D & E (in.)	C	A	B
2252	322A112-4	0.23 - 0.52	0.12 - 0.26	2.06	
2253	322A123-4	0.49 - 1.06	0.12 - 0.26	3.28	0.84



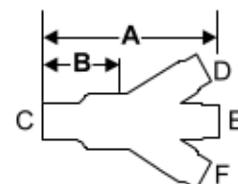
RAYCHEM® “Y” TRANSITIONS

PRS No.	Raychem® No.	Cable Diameter	Cable Diameter	Shrunk Dim.(in.)	
		C (in.)	D & E	A	B
2256	381A301-71	0.26 - 0.78	0.26 - 0.52	3.20	1.60
2257	381A302-71	0.45 - 1.35	0.45 - 0.90	4.96	2.48
2255	382A012-4	0.24 - 0.52	0.13 - 0.26	1.50	0.94
2264	382A023-4	0.49 - 1.06	0.24 - 0.52	3.40	2.10



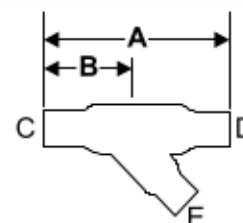
RAYCHEM® 1-to-3 TRANSITIONS

PRS No.	Raychem® No.	Cable Diameter	Cable Diameter	Shrunk Dim.(in.)	
		C (in.)	D, E & F	A	B
2259	462A011-4	0.26 - 0.52	0.14 - 0.26	1.82	1.20
2022	462A034-4	0.52 - 1.06	0.27 - 0.52	3.67	2.25
2260	462A421-4	0.26 - 0.78	0.26 - 0.52	3.38	1.69
2261	462A422-4	0.45 - 1.35	0.45 - 0.81	5.34	2.67
2265	462A023-4	0.52 - 1.06	0.27 - 0.52	3.67	2.25



RAYCHEM® 45° BREAKOUT

PRS No.	Raychem® No.	Cable Diameter	Cable Diameter	Shrunk Dim.(in.)	
		C (in.)	D & E	A	B
2263	342A012-4	0.27 - 0.52	0.14 - 0.26	1.94	0.77
2258	342A112-4	0.24 - 0.52	0.12 - 0.26	1.76	0.90
2262	362A014-4	0.50 - 1.06	0.14 - 0.26	3.64	1.25



MAIN CHASSIS POWER CONTROL

MASTER RELAYS



Kissling Master Relay

- Continuous Duty 300 Amp Relay
- 1000 Amps for 20 seconds
- Also ideal for Starter Solenoids
- Environmentally sealed to meet IP67 Standards
- Vibration tested 10G 10-2000 Hz

White-Rodgers 124-902

Specifications

Brand/Series	:	124 Series
Coil Voltage	:	12 VDC
Contact Current Rating	:	100 (Continuous), 400 (Inrush) A
Contact Material	:	Silver Alloy
Contact Voltage Rating	:	12 VDC
Depth	:	2.188 in.
Dimensions	:	3.563 x 3.125 x 2.188 in.
Length	:	3.563 in.
Maximum Operating Temperature	:	149 °F
Minimum Operating Temperature	:	-40 °F
Mounting Type	:	Bracket
Normal State Configuration	:	NO
Number of Poles	:	1
Operating Temperature Range	:	-40 to +149 °F
Pole and Throw Configuration	:	SPST
Relay Type	:	Solenoid
Series	:	124
Standards Met	:	RoHS Compliant, UL 94V-0
Terminal Type	:	Isolated Coil
Width	:	3.125 in.



Emergency Switch



Sobek Emergency Switch

- Dual Function; Fire Switch Master Shutoff
- Environmentally Scaled to meet IP67 Standards
- Vibration Tested 10G 10-2000 Hz

CIRCUIT PROTECTION

KLIXON® CIRCUIT BREAKER SWITCHES

Whether you need good-quality, general purpose circuit breakers, aircraft-quality circuit breakers or switches with a built-in circuit breaker we keep a variety of sizes and types in stock.

Circuit breaker switches provide ON-OFF circuit breaker functionality in one part.

- Small size
- Light weight
- MIL-C-5809 qualified
- Current ratings (3 to 35 amps)



35 Amp	3032
30 Amp	3034
25 Amp	3054
20 Amp	3056
15 Amp	3033
10 Amp	3057

5 AMP

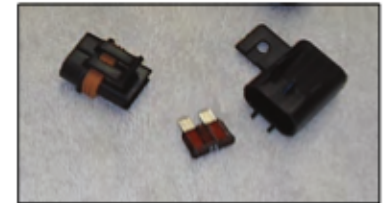
3055



FUSES & FUSE BLOCKS

A variety of production-style fuses and fuse blocks are also available.

Single Fuse Holder Assembly w/ Cover	11000
4-fuse Block Assembly	11001



Wire Gauge Selection Table 12 Volt Circuit

AMPS	3'	5'	7'	10'	15'	20'	25'
0 to 5	18	18	18	18	18	18	18
6	18	18	18	18	18	18	18
7	18	18	18	18	18	18	18
8	18	18	18	18	18	16	16
10	18	18	18	18	16	16	16
11	18	18	18	18	16	16	14
12	18	18	18	18	16	16	14
15	18	18	18	18	14	14	12
18	18	18	16	16	14	14	12
20	18	18	16	16	14	12	10
22	18	18	16	16	12	12	10
24	18	18	16	16	12	12	10
30	18	16	16	14	10	10	10
40	18	16	14	12	10	10	8
50	16	14	12	12	10	10	8
100	12	12	10	10	6	6	4
150	10	10	8	8	4	4	2
200	10	8	8	6	4	4	2

Installation Supplies and Tools

Crimpers

PRS#

Packard Pliers	5013
Packard WeatherPack Crimper(w/Block)	5021
MIL-SPEC Crimper & Turret Head Assembly	
Replacement pliers	5000
Replacement turret	5001
Autosport Crimper	5015
Autosport Male Turrets	
Autosport Female Turrets	
Lemo Crimper	5004
Lemo 4-5 Pin Male Turret	5006
Lemo 4-5 pin Female Turret	5007
Lemo 3-Pin Male Turret	5008
Lemo 3-Pin Female Turret	5009
D-Sub/Dbl D Open Barrel Crimper	T5040

Other Crimpers and tools available upon request

At info@p-r-s.com!

Removal Tools

Packard Weatherpack Pin Removal Tool	5010
Packard Metropack Pin Removal Tool (Wide)	5011
Packard Metropack Pin Removal Tool (Narrow)	5012
Lemo Pin Removal Tool 7mm	5002
Lemo Pin Removal Tool 9mm	5003
MIL-SPEC Pin Removal Tools	7400

Tywraps/Blocks

TY23MX 3.62" Ty Wrap	2744
TY525M 7.31" Ty Wrap	2745
TY232MX 8" Ty Wrap	2746
T28MX 14" Ty Wrap	2747
Self Adhesive 3/4" Block (Square)	2749
Self Adhesive 1" Block (Square)	2751
TC105 Aluminum Epoxy Block	2787
Rivet On Block (Small)	2750
Rivet On Block (Medium)	2752
Rivet On Block (Large)	2753

Clear Accessories

RT-375-1/16-X-SP/STK	4232
RT-375-3/32-X-SP/STK	4324
RT-375-1/8-X-SP/STK	4327
RT-375-3/16-X-SP/STK	4328
RT-375-1/4-X-SP/STK	4318
RT-375-3/8-X-SP/STK	4319
RT-375-1/2-X-SP/STK	4325
RT-375-3/4-X-SP/STK	4326
RT-375-1-X-SP/STK	4309

