

# SRC – Sealed Rectangular Connectors



Next-generation 84-circuit Sealed Rectangular Connectors, with single-handed blind-mate functionality, leverage proven MX150 and MX150L terminals to offer a hybrid, high-circuit-count system for harsh applications in commercial vehicles

## Features and Benefits

### Pre-assembled connector housing, seals, rear cover and TPA ship in one piece

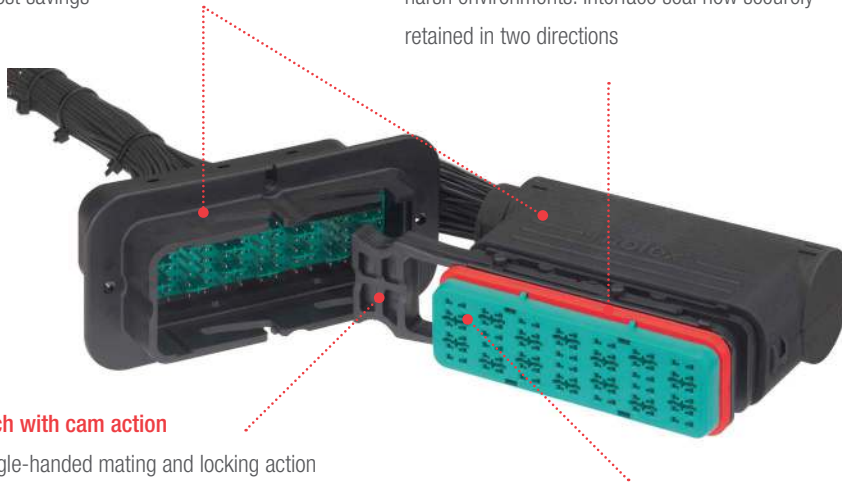
Easier, quicker assembly processes. Applied labor and cost savings

### Integral, two-way matte seal and interface seal with improved retention features

Passes IP69K testing. Suitable for applications in harsh environments. Interface seal now securely retained in two directions

### Standard MX150 and MX150L Terminals

Simple crimp, poke and plug application  
Eliminates need to crimp individual wire seals  
Easily increase circuit count using existing connectors  
Enables quick, low-cost repairs in the field

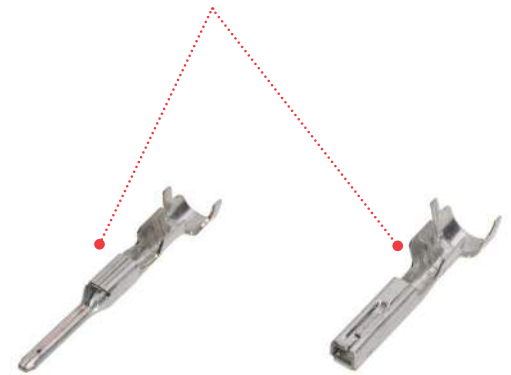


### Sliding latch with cam action

Enables single-handed mating and locking action  
Eliminates screw action or tools required for mating assembly. Latch does not interfere with wire harness

### Integral terminal position assurance (TPA) with new anti-scooping feature

Assures that crimped terminal leads are properly locked into connector. Prevents terminals from being damaged during mating operation



## Applications

### Commercial Vehicle

- Agricultural Machines
- Construction and Mining Equipment
- Forestry
- Marine Vehicles
- Generator Sets (Gensets)
- Search, Detection and Navigation
- Train and Railway Equipment
- Material Handling



Construction Vehicles



Agricultural Vehicles



Marine Vehicles

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## Specifications

### REFERENCE INFORMATION

Packaging: See PK-85071-001 & PK-85070-001  
Mates With: 85084 mates with 93792 93288 mates with 93792

Use With:

MX150 Terminals series 33012, 33000

MX150L Terminals series 19434, 19431

SRC 2.50mm2 Terminals series 93642, 93643

Designed In: mm

RoHS: Yes

Halogen Free: Yes

Glow Wire Compliant: Yes

### PHYSICAL

Housing: SPS/ Nylon

Contact: See MX150 and MX150L

Operating Temperature: -40 to +125°C

Degree of protection: IP68 / IP69K

### ELECTRICAL

Voltage (max.): 500V DC

Current (max.):

84-Circuit (fully loaded): 6.0A with 30°C T-Rise

AWG 14 MX150 Individual Terminal: 18.0A

AWG 13 SRC Individual Terminal: 20.0A

20-Circuit (fully loaded): 15.0A with 30 °C T-Rise

WG 8 MX150L Individual Terminal: 40.0A

Contact Resistance (max.):

MX150: 10mW

SRC: 20mW

MX150L: 30mW

Insulation Resistance (min.): 20mW

### MECHANICAL

Contact Insertion Force (max.): 200N

Contact Retention to Housing (min.): 50N

Mating/Unmating Force (max.): 200N

Results from sample trial:

Average Measured Mating Force: 98N

Measured Mating Force (max.): 111N

Measured Mating Force (min.): 84N

Durability (min.):

Tin: 25 cycles

Gold: 100 cycles

## Ordering Information

Order No.	Number of Circuits		Gender	Terminal Cavities		
	Control	Power		MX150	SRC (13 AWG)	MX150L
<a href="#">93287-0001</a>	84	0	Female	ALL	---	---
<a href="#">93792-8400</a>			Male			
<a href="#">93287-8425</a>			Female	A, C, D, E, G	B and F	--
<a href="#">93792-8425</a>			Male			
<a href="#">85084-7202</a>	72	2	Female	A, B, C, E, F, G	---	D
<a href="#">93792-7202</a>			Male			
<a href="#">85084-0700</a>	60	6	Female	B, C, D, E, F	---	A and G
<a href="#">93792-6006</a>			Male			
<a href="#">85084-6025</a>			Female	C, D, E	B and F	A and G
<a href="#">93792-6025</a>			Male			
<a href="#">85084-4808</a>	48	8	Female	B, C, E, F	---	A, D, G
<a href="#">93792-4808</a>			Male			
<a href="#">85084-3612</a>	36	12	Female	B, D, F	---	A, C, E, G
<a href="#">93792-3612</a>			Male			
<a href="#">85084-2414</a>	24	14	Female	B, F	---	A, C, D, E, G
<a href="#">93792-2414</a>			Male			
<a href="#">85084-1218</a>	12	18	Female	D	---	A, B, C, E, F, G
<a href="#">93792-1218</a>			Male			
<a href="#">85084-0020</a>	0	20	Female	---	---	ALL
<a href="#">93792-0020</a>			Male			

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