

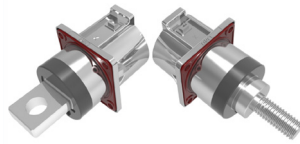
B A L E



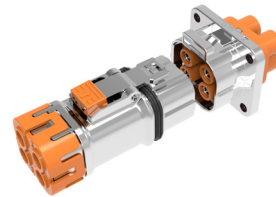
PRC200 SERIES



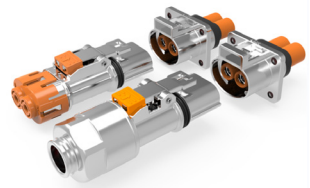
PRC300 SERIES



PRC500 SERIES



PRC40 SERIES



PRC60 SERIES

LINYI® PRC Series **HIGH VOLTAGE & BIG CURRENT** **CONNECTOR**

Make Outstanding Products

Provide Thanksgiving Services

Chengdu City Bale New Energy Technology Co. Ltd. (Abbr.: BALE) , headquartered in the beautiful city southwest China - Chengdu.

BALE was established in 2021 and is located in the factory area and office area of the High tech Entrepreneurship Service Center (High tech Enterprise Incubation Park) in Wuhou District, Chengdu, with an area of over 1000 square meters. Since its establishment, BALE has been focusing on the selection and application promotion of authorized high-voltage high current connectors, low-voltage signal connectors, charging sockets, and charging guns for the LINYI brand. At the same time, we also process and produce precast cable components, vehicle high-voltage power harnesses, low-voltage signal harnesses, and other products according to customer requirements. Our company is dedicated to providing efficient, fast, and low-cost product solutions for customers from all walks of life.

BALE has established a good quality assurance system. It has successfully passed ISO9001, ISO14001 quality and environment management system certification. Meanwhile it passed IATF 16949 international quality management system certification for automotive and parts field in December 2022 and become a qualified supplier in EV power equipment and high-voltage cable assembly and low-voltage wire harness and has provided many automotive manufacturers with products.



Factory: Chengdu Wuhou Hi-tech entrepreneurial Service Center
No.33 , Wuqing South Road , Wuhou District , Chengdu City

BALE is close to Wuhou Government Administrative Center. And it's very convenient in transportation since it's just 0.6 Km far from the third ring road and only 5 Km to Shuangliu Airport.

BALE adopts "Quality First , Credit First and Customer First" as the company objective and shares a good reputation in society and among customers. We will always provide high-quality products and best services to the customers. We sincerely welcome partners domestic and overseas to establish cooperation , seek common development , and create a brilliant future jointly!

KEY FEATURES

PRC SERIES TECHNICAL DATA

Item	PRC200 Series	PRC300 Series	PRC500 Series	PRC40 Series 3PIN	PRC40 Series 4PIN	PRC60 Series 2PIN
Temperature Range	-40C to +125C					
Protection	IP68 & IP6K9K					
Housing Body	Zinc alloy , Die-cast					
Rated voltage	1500V DC					
Insulation Inserts	Thermoplastic , UL 94-V0					
Contacts	Brass alloy , Silver plated					
Seals	Rubber					
Max. Current	200A Max.	300A Max.	500A Max.	40A Max.	40A Max.	60A Max.
Terminal connecting resistance	≤0.6 mΩ					
Test Voltage	6000V DC ; 4000V AC					
Minimum Mating Cycles	No electrical or mechanical defects after more than 100 cycles of engagement and disengagement.					
Salt Spray Resistance	48hour , 96hour					
Shielded	Yes					
HVIL	Yes					
Dielectric strength	Leakage current(DC)≤1 mA ; Leakage current(AC)≤5 mA					
Vibration Resistance	No unlocking or unmating and exhibits no mechanical or physical damage after sinusoidal vibration levels of 10G's at 10 to 1000 Hz in each of the three mutually perpendicular planes. Connection resistance changes continuously greater than 7Ω's time less than 1 microsecond.					
Thermal Shock	No cracking, chipping or leaking after 20 test cycles from -40°C to +125°C.					
RoHS Compliant	Yes					

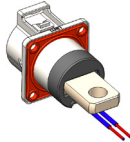
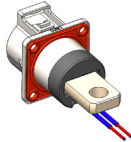
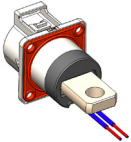
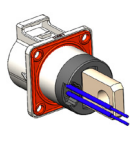
PRODUCT APPLICATION

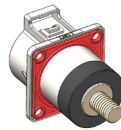
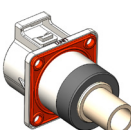
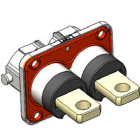
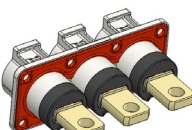
Item	PRC200 Series	PRC300 Series	PRC500 Series	PRC40 Series 3PIN	PRC40 Series 4PIN	PRC60 Series 2PIN
AUTOMOTIVE	✓	✓	✓	✓	✓	✓
TRUCKS	✓	✓	✓	✓	✓	✓
BUS	✓	✓	✓	✓	✓	✓
AGRICULTURAL MACHINES	✓	✓	✓	✓	✓	✓
CONSTRUCTION MACHINES	✓	✓	✓	✓	✓	✓

REFERENCE TEST STANDARDS

Item	PRC200 Series	PRC300 Series	PRC500 Series	PRC40 Series 3PIN	PRC40 Series 4PIN	PRC60 Series 2PIN
LV215-1-2013	✓	✓	✓	✓	✓	✓
GB/T 11918.1-2014	✓	✓	✓	✓	✓	✓
QC/T 1067.1-2017	✓	✓	✓	✓	✓	✓

RECEPTACLE

Item	180 Degree Busbar Lug	180 Degree Busbar Lug	180 Degree Busbar Lug	90 Degree Busbar Lug
Pictures				
Product Number No HVIL	PRC00(*)-200-10M(&)	PRC00(*)-200-10D(&)	PRC00(*)-200-10H(&)	PRC00(*)-200-90M(&)
TProduct Number With HVIL	PRC00(*)-201-10M(&)	PRC00(*)-201-10D(&)	PRC00(*)-201-10H(&)	PRC00(*)-201-90M(&)

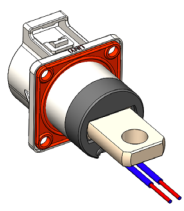
Item	Thread Pin	Tubular Lug	2 PIN Receptacle	3 PIN Receptacle
Pictures				
Product Number No HVIL	PRC00(*)-200-20M(&)	PRC00(*)-200-30C(&)	PRC20(*)-200-10M(&)	PRC30(*)-200-10M(&)
Product Number With HVIL	N/A	N/A	PRC20(*)-201-10M(&)	PRC30(*)-201-10M(&)

NOTES:

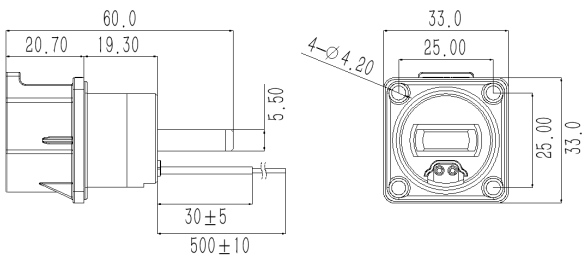
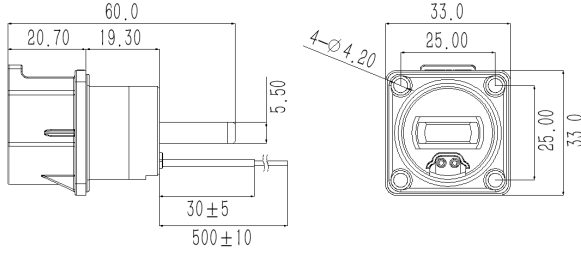
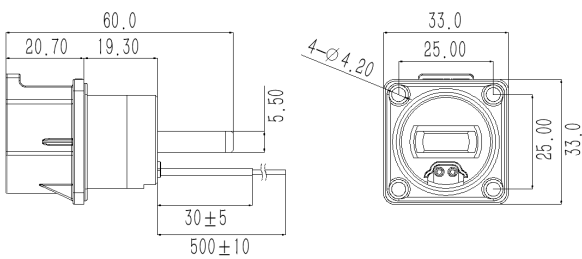
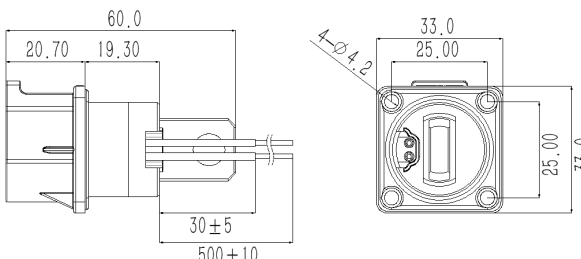
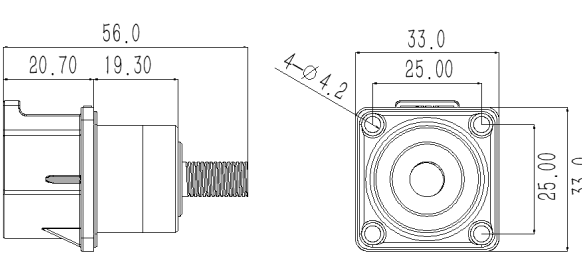
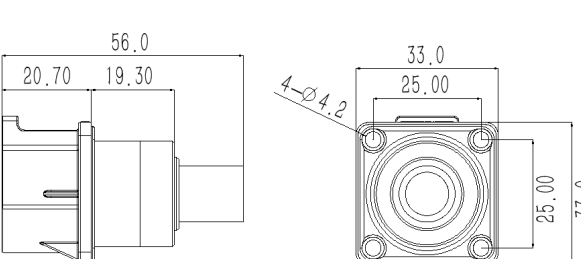
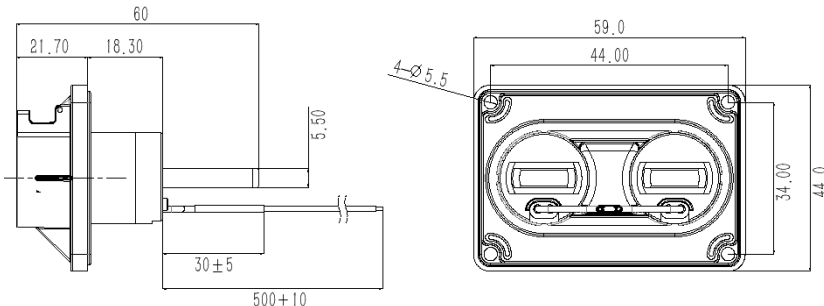
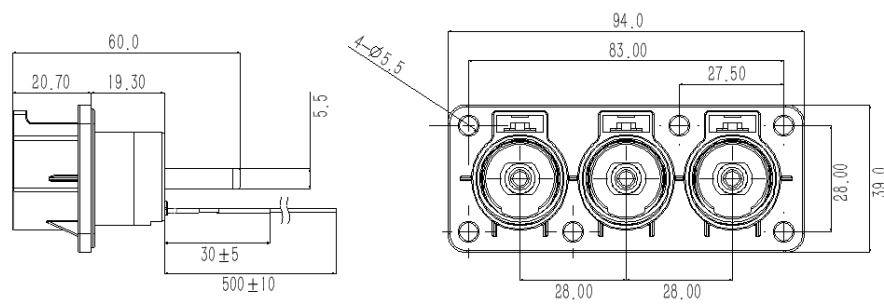
(*) Denote KEY Position: X, Y, U, V, W

(&) Denote Busbar dimension with hole: M6, M8; D6, D8; H6, H8

HOW TO ORDER RECEPTACLE? PART NUMBER SYSTEMS

Pictures	
	PRC 00 X - 200 - 10 M6 - Y01 PRC Series (A) Connector type : 00 : Single-core socket ; 20 : Two-core socket ; 30 : Three-core socket (B) Key position and color : "X" Key position , Orange (Include X/Y/U/V/W Five key positions) (C) Product Series : 200 : 200A Series (200/300/500 : Not contain HVIL ; 201/301/501 : Contain HVIL) (D) Direction of copper bar : 10 : Horizontal ; 90 : Vertical (E) Connection size : Threaded hole , M6 (M : Threaded hole , D : through-hole , H : waist-shaped hole) (F) Salt spray test : Default : 96 Hour ; Y01 : 336 Hour ; Y02 : 480 Hour Note: "T" added at the end indicates temperature detection function; Two-core socket&Three-core socket use with single-core plug; The above models are not all, please contact your sales representative if necessary.

RECEPTACLE INSTALL DIMENSION

PRC00(*)-200-10M(&) PRC00(*)-201-10M(&) 	PRC00(*)-200-10D(&) PRC00(*)-201-10D(&) 
PRC00(*)-200-10H(&) PRC00(*)-201-10H(&) 	PRC00(*)-200-90M(&) PRC00(*)-201-90M(&) 
PRC00(*)-200-20M(&) PRC00(*)-201-20M(&) 	PRC00(*)-200-30C(&) PRC00(*)-201-30C(&) 
PRC20(*)-200-10M(&) PRC20(*)-201-10M(&) 	
PRC30(*)-200-10M(&) PRC30(*)-201-10M(&) 	

PLUG

Item	Shielding Cable Straight Plug	Unshielding Cable Straight Plug	Shielding Cable 90 Degree Plug	Unshielding Cable 90 Degree Plug
Pictures				
Product Number No HVIL	PRC18(*)-200-(&)	PRC48(*)-200-(&)	PRC28(*)-200-(&)	PRC58(*)-200-(&)
TProduct Number With HVIL	PRC18(*)-201-(&)	PRC48(*)-201-(&)	PRC28(*)-201-(&)	PRC58(*)-201-(&)

Item	Shielding Cable Straight Plug	Unshielding Cable Straight Plug	Shielding Cable 90 Degree Plug	Unshielding Cable 90 Degree Plug
Pictures				
Product Number No HVIL	PRC19(*)-200-(&)	PRC49(*)-200-(&)	PRC29(*)-200-(&)	PRC59(*)-200-(&)
Product Number With HVIL	PRC19(*)-201-(&)	PRC49(*)-201-(&)	PRC29(*)-201-(&)	PRC59(*)-201-(&)

NOTES:

(*) Denote KEY Position: U , V , W , X , Y

(&) Denote Cable dimension: 16 , 25 , 35 , 50

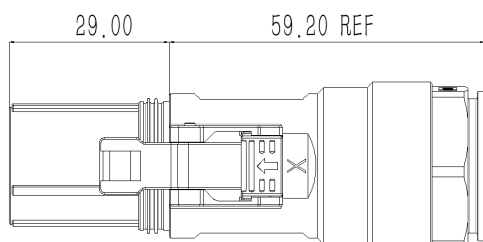
HOW TO ORDER PLUG? PART NUMBER SYSTEMS

Pictures		PRC 18 X - 201 - 50 - Y01
	PRC Series	
	(A) Connector type : 18 : Straight head; 18/19 : Straight head with Shield ; 28/29 : Angle head with Shield 48/49 : Straight head without Shield ; 58/59 : Angle head without Shield	
	(B) Key position and color : "X" Key position , Orange (Include X/Y/U/V/W Five key positions)	
	(C) Product Series : 200 : 200A Series (200/300/500 : Not contain HVIL ; 201/301/501 : Contain HVIL)	
	(D) Cable size : 16 mm ² , 25 mm ² , 35 mm ² , 50 mm ²	
	(E) Salt spray test : Default : 96 Hour ; Y01 : 336 Hour ; Y02 : 480 Hour	
	Note: 18,28,48,58 represents the plug matched with the horizontal copper bar socket; 19,29,49,59 represents the plug matched with the vertical copper bar socket; The above models are not all, please contact your sales representative if necessary.	

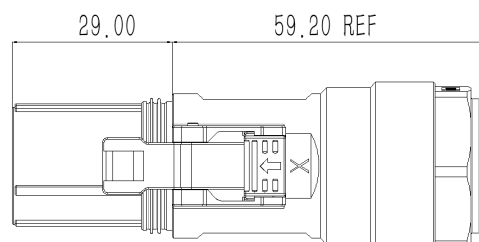
PRC200 SERIES

PLUG INSTALL DIMENSION

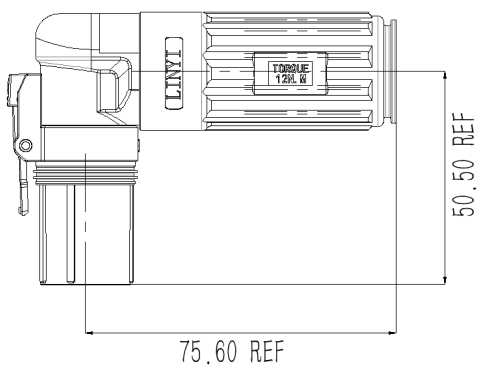
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PRC18(*)-201-(&



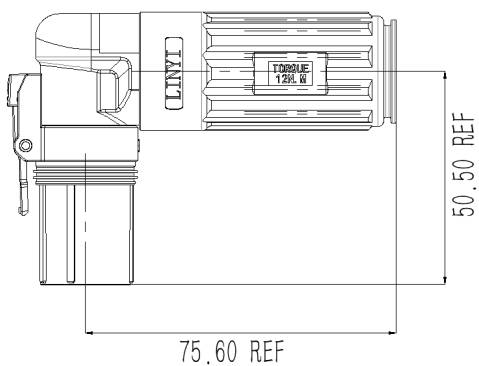
PRC48(*)-200-(&
PRC48(*)-201-(&



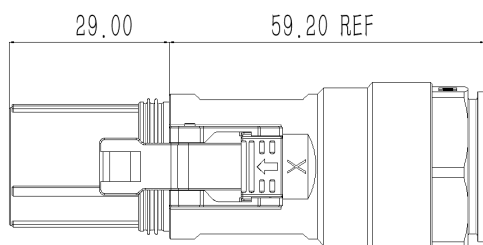
PRC28(*)-200-(&
PRC28(*)-201-(&



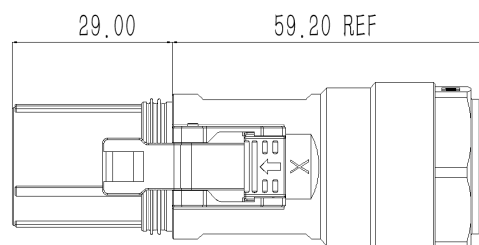
PRC58(*)-200-(&
PRC58(*)-201-(&



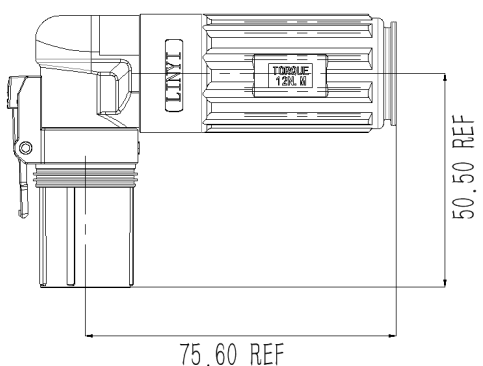
PRC19(*)-200-(&
PRC19(*)-201-(&



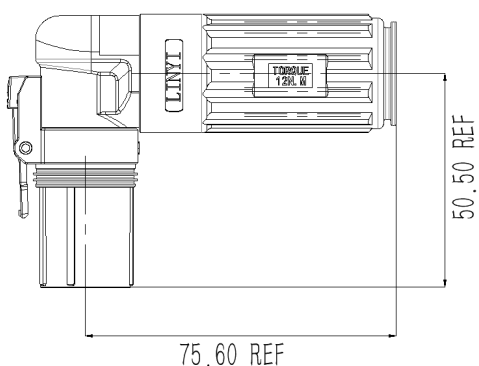
PRC49(*)-200-(&
PRC49(*)-201-(&



PRC29(*)-200-(&
PRC29(*)-201-(&



PRC59(*)-200-(&
PRC59(*)-201-(&



STRAIGHT PLUG, ACCEPT SHILED CABLE

Series	Accepted Cable Size	Rated Voltage	Rated Current	Product Number No HVIL	Product Number With HVIL	PICTURES
200 Series	16mm ²	1500V DC	90A	PRC18(*)-200-16	PRC18(*)-201-16	
	25mm ²	1500V DC	120A	PRC18(*)-200-25	PRC18(*)-201-25	
	35mm ²	1500V DC	150A	PRC18(*)-200-35	PRC18(*)-201-35	
	50mm ²	1500V DC	200A	PRC18(*)-200-50	PRC18(*)-201-50	

90 DEGREE PLUG, ACCEPT SHILED CABLE

Series	Accepted Cable Size	Rated Voltage	Rated Current	Product Number No HVIL	Product Number With HVIL	PICTURES
200 Series	16mm ²	1500V DC	90A	PRC28(*)-200-16	PRC28(*)-201-16	
	25mm ²	1500V DC	120A	PRC28(*)-200-25	PRC28(*)-201-25	
	35mm ²	1500V DC	150A	PRC28(*)-200-35	PRC28(*)-201-35	
	50mm ²	1500V DC	200A	PRC28(*)-200-50	PRC28(*)-201-50	

STRAIGHT PLUG, ACCEPT SHILED CABLE

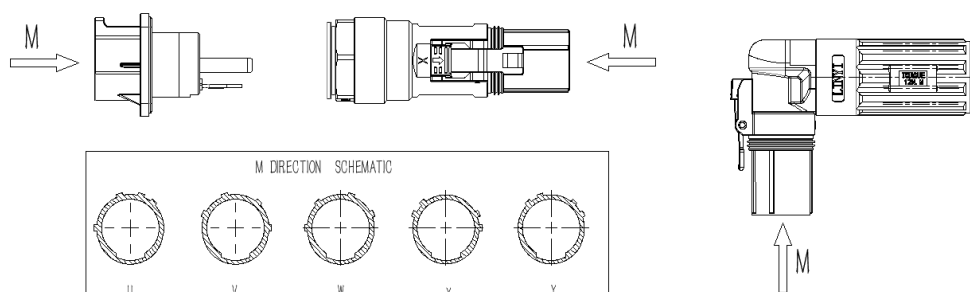
Series	Accepted Cable Size	Rated Voltage	Rated Current	Product Number No HVIL	Product Number With HVIL	PICTURES
200 Series	16mm ²	1500V DC	90A	PRC19(*)-200-16	PRC19(*)-201-16	
	25mm ²	1500V DC	120A	PRC19(*)-200-25	PRC19(*)-201-25	
	35mm ²	1500V DC	150A	PRC19(*)-200-35	PRC19(*)-201-35	
	50mm ²	1500V DC	200A	PRC19(*)-200-50	PRC19(*)-201-50	

90 DEGREE PLUG, ACCEPT SHILED CABLE

Series	Accepted Cable Size	Rated Voltage	Rated Current	Product Number No HVIL	Product Number With HVIL	PICTURES
200 Series	16mm ²	1500V DC	90A	PRC29(*)-200-16	PRC29(*)-201-16	
	25mm ²	1500V DC	120A	PRC29(*)-200-25	PRC29(*)-201-25	
	35mm ²	1500V DC	150A	PRC29(*)-200-35	PRC29(*)-201-35	
	50mm ²	1500V DC	200A	PRC29(*)-200-50	PRC29(*)-201-50	

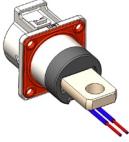
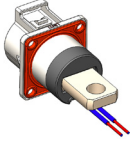
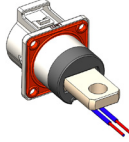
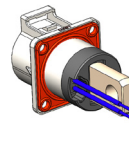
KEY POSITION

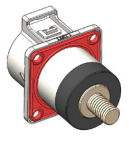
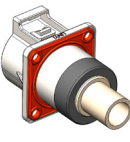
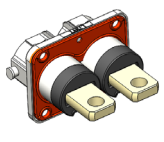
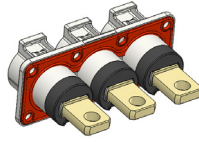
RECEPTACLE - STRAIGHT PLUG - 90 DEGREE PLUG



PRC300 SERIES

RECEPTACLE

Item	180 Degree Busbar Lug	180 Degree Busbar Lug	180 Degree Busbar Lug	90 Degree Busbar Lug
Pictures				
Product Number No HVIL	PRC00(*)-300-10M(&)	PRC00(*)-300-10D(&)	PRC00(*)-300-10H(&)	PRC00(*)300-90M(&)
Product Number With HVIL	PRC00(*)-301-10M(&)	PRC00(*)-301-10D(&)	PRC00(*)-301-10H(&)	PRC00(*)-301-90M(&)

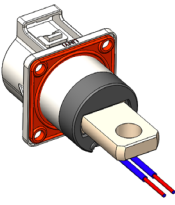
Item	Thread Pin	Tubular Lug	2 PIN Receptacle	3 PIN Receptacle
Pictures				
Product Number No HVIL	PRC00(*)-300-20M(&)	PRC00(*)-300-30C(&)	PRC20(*)-300-10M(&)	PRC30(*)-300-10M(&)
Product Number With HVIL	N/A	N/A	PRC20(*)-301-10M(&)	PRC30(*)-301-10M(&)

NOTES:

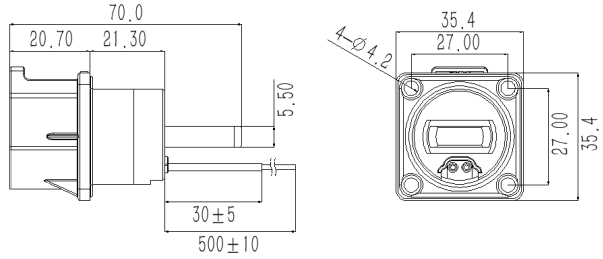
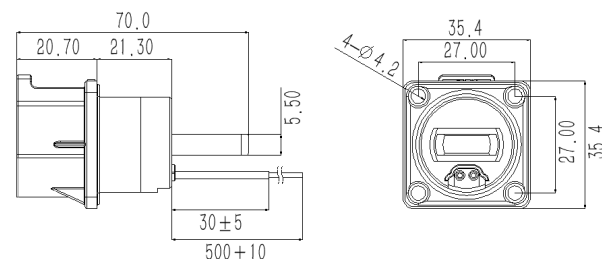
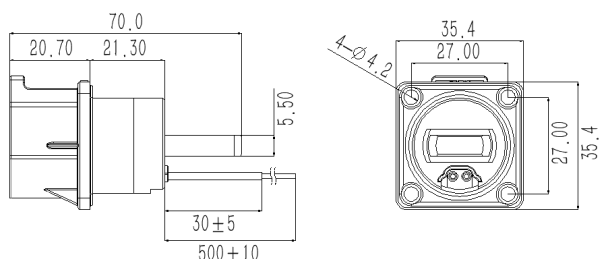
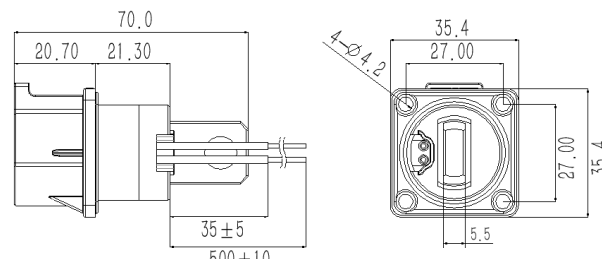
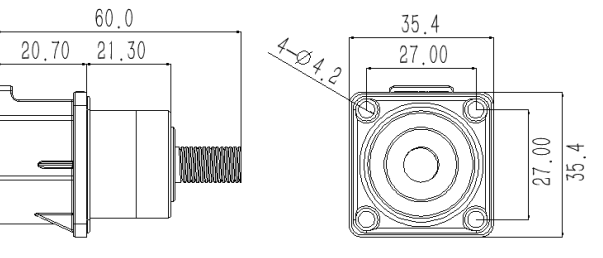
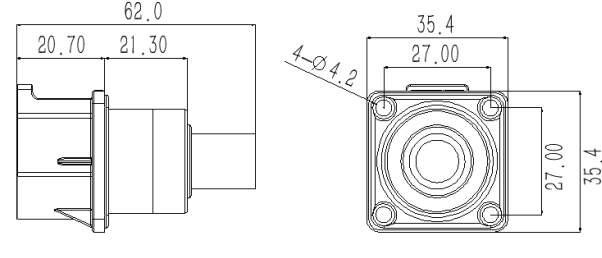
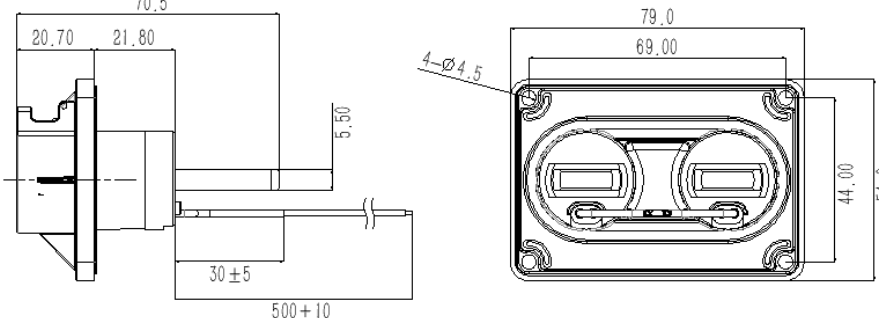
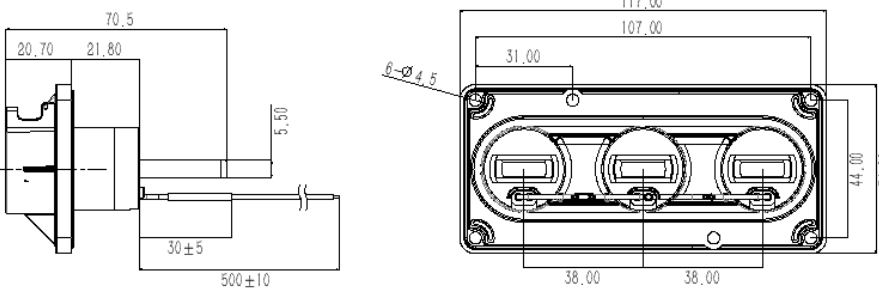
(*) Denote KEY Position: U , V , W , X , Y , T

(&) Denote Busbar dimension with hole: M6 , M8 , M10 ; D6 , D8 , D10 ; H6 , H8 , H10

HOW TO ORDER RECEPTACLE? PART NUMBER SYSTEMS

Pictures	PRC 00 X - 300 - 10 M10 - Y01
	PRC Series (A) Connector type : 00 : Single-core socket ; 20 : Two-core socket ; 30 : Three-core socket (B) Key position and color : "X" Key position , Orange (Include X/Y/U/V/W/T Six key positions) (C) Product Series : 300 : 300A Series (200/300/500 : Not contain HVIL ; 201/301/501 : Contain HVIL) (D) Direction of copper bar : 10 : Horizontal ; 90 : Vertical (E) Connection size : Threaded hole , M10 (M : Threaded hole , D : through-hole , H : waist-shaped hole) (F) Salt spray test : Default : 96 Hour ; Y01 : 336 Hour ; Y02 : 480 Hour Note: "T" added at the end indicates temperature detection function; Two-core socket&Three-core socket use with single-core plug; The above models are not all, please contact your sales representative if necessary.

RECEPTACLE INSTALL DIMENSION

PRC00(*)-300-10M(& PRC00(*)-301-10M(& 	PRC00(*)-300-10D(& PRC00(*)-301-10D(& 
PRC00(*)-300-10H(& PRC00(*)-301-10H(& 	PRC00(*)300-90M(& PRC00(*)301-90M(& 
PRC00(*)-300-20M(& 	PRC00(*)-300-30C(& 
PRC20(*)-300-10M(& PRC20(*)-301-10M(& 	
PRC30(*)-300-10M(& PRC30(*)-301-10M(& 	

PRC300 SERIES

PLUG

Item	Shielding Cable Straight Plug	Unshielding Cable Straight Plug	Shielding Cable 90 Degree Plug	Unshielding Cable 90 Degree Plug
Pictures				
Product Number No HVIL	PRC18(*)-300-(&)	PRC48(*)-300-(&)	PRC28(*)-300-(&)	PRC58(*)-300-(&)
Product Number With HVIL	PRC18(*)-301-(&)	PRC48(*)-301-(&)	PRC28(*)-301-(&)	PRC58(*)-301-(&)

Item	Shielding Cable Straight Plug	Unshielding Cable Straight Plug	Shielding Cable 90 Degree Plug	Unshielding Cable 90 Degree Plug
Pictures				
Product Number No HVIL	PRC19(*)-300-(&)	PRC49(*)-300-(&)	PRC29(*)-300-(&)	PRC59(*)-300-(&)
Product Number With HVIL	PRC19(*)-301-(&)	PRC49(*)-301-(&)	PRC29(*)-301-(&)	PRC59(*)-301-(&)

NOTES:

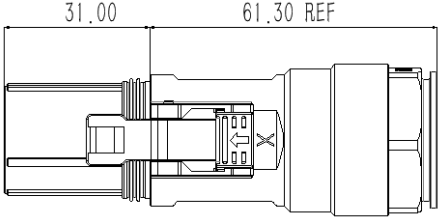
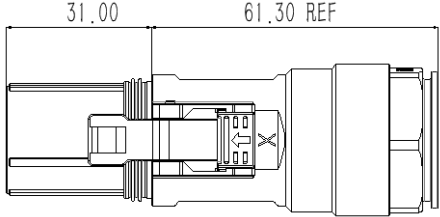
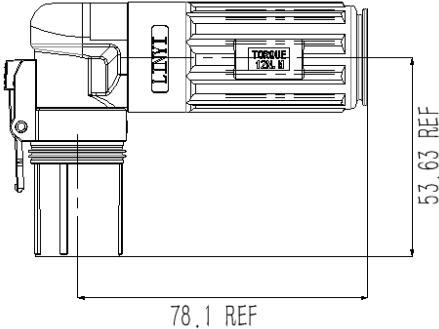
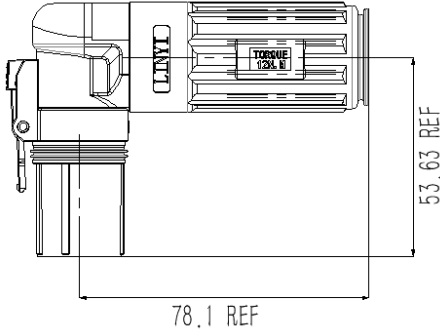
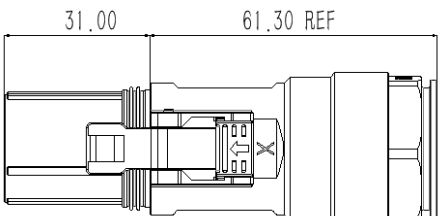
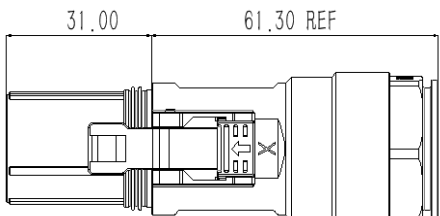
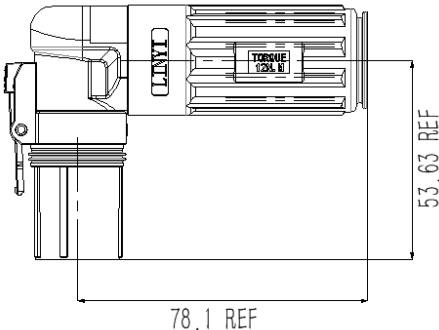
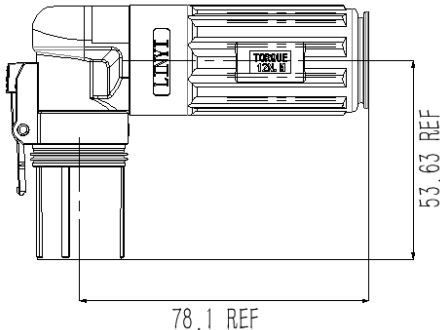
(*) Denote KEY Position: U , V , W , X , Y , T

(&) Denote Cable dimension: 35 , 50 , 70 , 95

HOW TO ORDER PLUG? PART NUMBER SYSTEMS

Pictures		PRC 18 X - 301 - 70 - Y01
	PRC Series	
	(A) Connector type : 18 : Straight head ; 18/19 : Straight head with Shield ; 28/29 : Angle head with Shield 48/49 : Straight head without Shield ; 58/59 : Angle head without Shield	
	(B) Key position and color : "X" Key position , Orange (Include X/Y/U/V/W/T Six key positions)	
	(C) Product Series : 300 : 300A Series (200/300/500 : Not contain HVIL ; 201/301/501 : Contain HVIL)	
	(D) Cable size : 35mm ² , 50 mm ² , 70 mm ² , 95 mm ²	
	(E) Salt spray test : Default : 96 Hour ; Y01 : 336 Hour ; Y02 : 480 Hour	
	Note: 18,28,48,58 represents the plug matched with the horizontal copper bar socket; 19,29,49,59 represents the plug matched with the vertical copper bar socket; The above models are not all, please contact your sales representative if necessary.	

PLUG INSTALL DIMENSION

PRC18(*)-300-& PRC18(*)-301-& 	PRC48(*)-300-& PRC48(*)-301-& 
PRC28(*)-300-& PRC28(*)-301-& 	PRC58(*)-300-& PRC58(*)-301-& 
PRC19(*)-300-& PRC19(*)-301-& 	PRC49(*)-300-& PRC49(*)-301-& 
PRC29(*)-300-& PRC29(*)-301-& 	PRC59(*)-300-& PRC59(*)-301-& 

PRC300 SERIES

STRAIGHT PLUG, ACCEPT SHILED CABLE

Series	Accepted Cable Size	Rated Voltage	Rated Current	Product Number No HVIL	Product Number With HVIL	PICTURES
300 Series	35mm ²	1500V DC	150A	PRC18(*)-300-35	PRC18(*)-301-35	
	50mm ²	1500V DC	200A	PRC18(*)-300-50	PRC18(*)-301-50	
	70mm ²	1500V DC	250A	PRC18(*)-300-70	PRC18(*)-301-70	
	95mm ²	1500V DC	300A	PRC18(*)-300-95	PRC18(*)-301-95	

90 DEGREE PLUG, ACCEPT SHILED CABLE

Series	Accepted Cable Size	Rated Voltage	Rated Current	Product Number No HVIL	Product Number With HVIL	PICTURES
300 Series	35mm ²	1500V DC	150A	PRC28(*)-300-35	PRC28(*)-301-35	
	50mm ²	1500V DC	200A	PRC28(*)-300-50	PRC28(*)-301-50	
	70mm ²	1500V DC	250A	PRC28(*)-300-70	PRC28(*)-301-70	
	95mm ²	1500V DC	300A	PRC28(*)-300-95	PRC28(*)-301-95	

STRAIGHT PLUG, ACCEPT SHILED CABLE

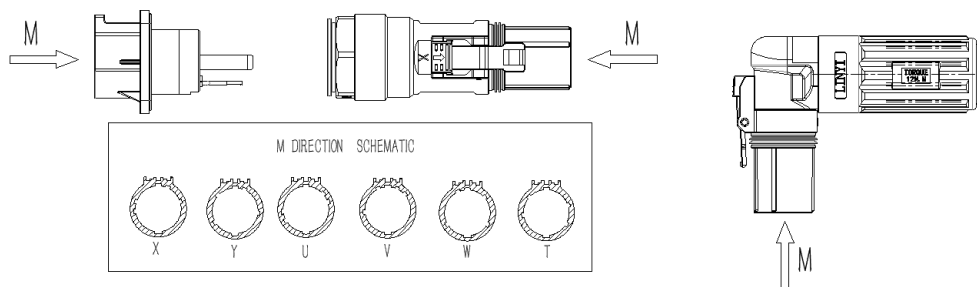
Series	Accepted Cable Size	Rated Voltage	Rated Current	Product Number No HVIL	Product Number With HVIL	PICTURES
300 Series	35mm ²	1500V DC	150A	PRC19(*)-300-35	PRC19(*)-301-35	
	50mm ²	1500V DC	200A	PRC19(*)-300-50	PRC19(*)-301-50	
	70mm ²	1500V DC	250A	PRC19(*)-300-70	PRC19(*)-301-70	
	95mm ²	1500V DC	300A	PRC19(*)-300-95	PRC19(*)-301-95	

90 DEGREE PLUG, ACCEPT SHILED CABLE

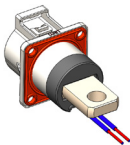
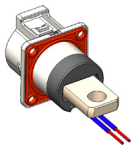
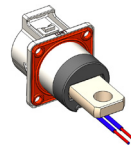
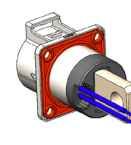
Series	Accepted Cable Size	Rated Voltage	Rated Current	Product Number No HVIL	Product Number With HVIL	PICTURES
300 Series	35mm ²	1500V DC	150A	PRC29(*)-300-35	PRC29(*)-301-35	
	50mm ²	1500V DC	200A	PRC29(*)-300-50	PRC29(*)-301-50	
	70mm ²	1500V DC	250A	PRC29(*)-300-70	PRC29(*)-301-70	
	95mm ²	1500V DC	300A	PRC29(*)-300-95	PRC29(*)-301-95	

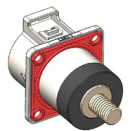
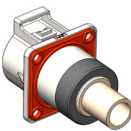
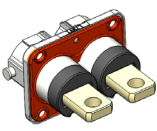
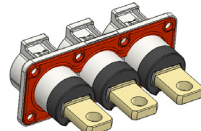
KEY POSITION

RECEPTACLE - STRAIGHT PLUG - 90 DEGREE PLUG



RECEPTACLE

Item	180 Degree Busbar Lug	180 Degree Busbar Lug	180 Degree Busbar Lug	90 Degree Busbar Lug
Pictures				
Product Number No HVIL	PRC00(*)-500-10M(&)	PRC00(*)-500-10D(&)	PRC00(*)-500-10H(&)	PRC00(*)500-90M(&)
Product Number With HVIL	PRC00(*)-501-10M(&)	PRC00(*)-501-10D(&)	PRC00(*)-501-10H(&)	PRC00(*)-501-90M(&)

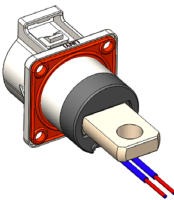
Item	Thread Pin	Tubular Lug	2 PIN Receptacle	3 PIN Receptacle
Pictures				
Product Number No HVIL	PRC00(*)-500-20M(&)	PRC00(*)-500-30C(&)	PRC20(*)-500-10M(&)	PRC30(*)-500-10M(&)
Product Number With HVIL	N/A	N/A	PPRC20(*)-501-10M(&)	PRC30(*)-501-10M(&)

NOTES:

(*) Denote KEY Position: U , V , W , X , Y

(&) Denote Busbar dimension with hole : M6 , M8 , M10 ; D6 , D8 , D10 ; H6 , H8 , H10

HOW TO ORDER RECEPTACLE? PART NUMBER SYSTEMS

Pictures	
	PRC 00 X - 500 - 10 M10 - Y01 PRC Series (A) Connector type : 00 : Single-core socket ; 20 : Two-core socket ; 30 : Three-core socket (B) Key position and color : "X" Key position , Orange (Include X/Y/U/V/W Five key positions) (C) Product Series : 500 : 500A Series (200/300/500 : Not contain HVIL ; 201/301/501 : Contain HVIL) (D) Direction of copper bar : 10 : Horizontal ; 90 : Vertical (E) Connection size : Threaded hole , M10 (M : Threaded hole , D : through-hole , H : waist-shaped hole) (F) Salt spray test : Default : 96 Hour ; Y01 : 336 Hour ; Y02 : 480 Hour Note: "T" added at the end indicates temperature detection function; Two-core socket&Three-core socket use with single-core plug; The above models are not all, please contact your sales representative if necessary.

RECEPTACLE INSTALL DIMENSION

PRC00(*)-500-10M(&) PRC00(*)-501-10M(&)	PRC00(*)-500-10D(&) PRC00(*)-501-10D(&)
PRC00(*)-500-10H(&) PRC00(*)-501-10H(&)	PRC00(*)-500-90M(&) PRC00(*)-501-90M(&)
PRC00(*)-500-20M(&)	PRC00(*)-500-30C(&)
PRC20(*)-500-10M(&) PRC20(*)-501-10M(&)	
PRC30(*)-500-10M(&) PRC30(*)-501-10M(&)	

PLUG

Item	Shielding Cable Straight Plug	Unshielding Cable Straight Plug	Shielding Cable 90 Degree Plug	Unshielding Cable 90 Degree Plug
Pictures				
Product Number No HVIL	PRC18(*)-500-(&)	PRC48(*)-500-(&)	PRC28(*)-500-(&)	PRC58(*)-500-(&)
Product Number With HVIL	PRC18(*)-501-(&)	PRC48(*)-501-(&)	PRC28(*)-501-(&)	PRC58(*)-501-(&)

Item	Shielding Cable Straight Plug	Unshielding Cable Straight Plug	Shielding Cable 90 Degree Plug	Unshielding Cable 90 Degree Plug
Pictures				
Product Number No HVIL	PRC19(*)-500-(&)	PRC49(*)-500-(&)	PRC29(*)-500-(&)	PRC59(*)-500-(&)
Product Number With HVIL	PRC19(*)-501-(&)	PRC49(*)-501-(&)	PRC29(*)-501-(&)	PRC59(*)-501-(&)

NOTES:

(*) Denote KEY Position: U , V , W , X , Y

(&) Denote Cable dimension: 95 , 120 , 135 , 150

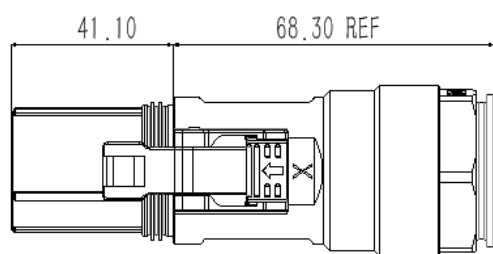
HOW TO ORDER PLUG? PART NUMBER SYSTEMS

Pictures	
 	PRC Series (A) Connector type : 18 : Straight head ; 18/19 : Straight head with Shield ; 28/29 : Angle head with Shield 48/49 : Straight head without Shield ; 58/59 : Angle head without Shield (B) Key position and color : "X" Key position , Orange (Include X/Y/U/V/W Five key positions) (C) Product Series : 500 : 500A Series (200/300/500 : Not contain HVIL ; 201/301/501 : Contain HVIL) (D) Cable Size : 95mm² , 120mm² , 135mm² , 150mm² (E) Salt spray test : Default : 96 Hour ; Y01 : 336 Hour ; Y02 : 480 Hour Note: 18,28,48,58 represents the plug matched with the horizontal copper bar socket; 19,29,49,59 represents the plug matched with the vertical copper bar socket; The above models are not all, please contact your sales representative if necessary.

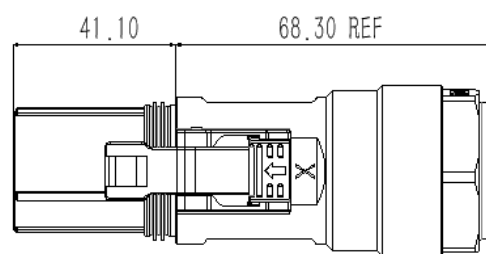
PRC 18 X - 501 - 70 - Y01

PLUG INSTALL DIMENSION

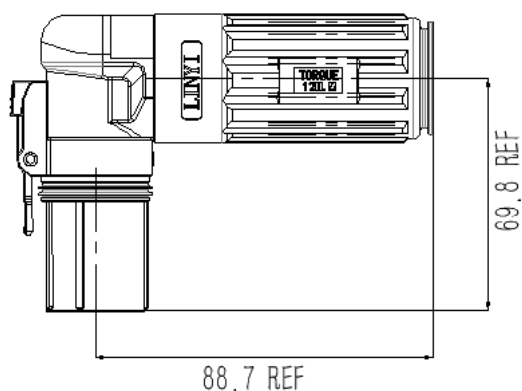
PRC18(*)-500-(&
PRC18(*)-501-(&



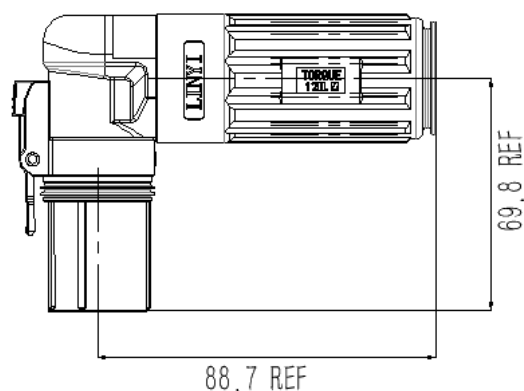
PRC48(*)-500-(&
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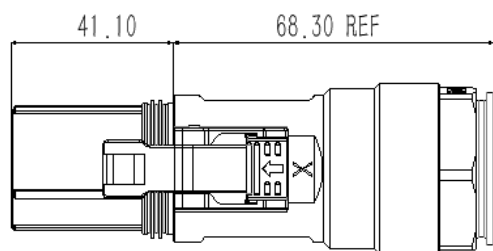
PRC28(*)-500-(&
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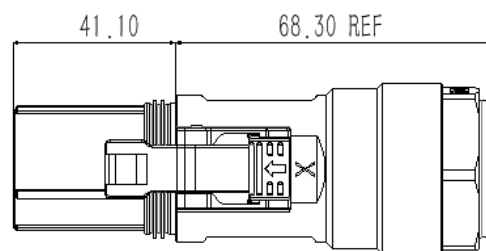
PRC58(*)-500-(&
PRC58(*)-501-(&



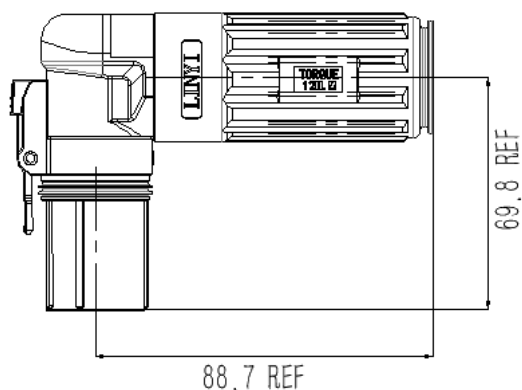
PRC19(*)-500-(&
PRC19(*)-501-(&



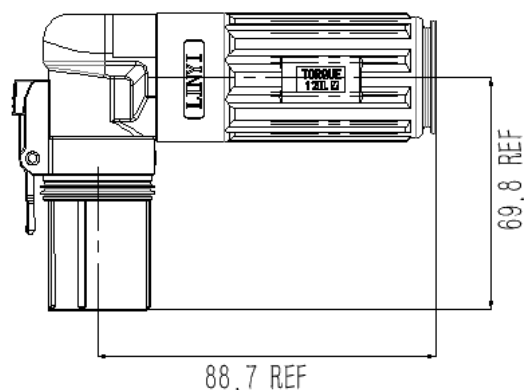
PRC49(*)-500-(&
PRC49(*)-501-(&



PRC29(*)-500-(&
PRC29(*)-501-(&



PRC59(*)-500-(&
PRC59(*)-501-(&



STRAIGHT PLUG, ACCEPT SHILED CABLE

Series	Accepted Cable Size	Rated Voltage	Rated Current	Product Number No HVIL	Product Number With HVIL	PICTURES
500 Series	95mm ²	1500V DC	320A	PRC18(*)-500-95	PRC18(*)-501-95	
	120mm ²	1500V DC	350A	PRC18(*)-500-120	PRC18(*)-501-120	
	135mm ²	1500V DC	400A	PRC18(*)-500-135	PRC18(*)-501-135	
	150mm ²	1500V DC	500A	PRC18(*)-500-150	PRC18(*)-501-150	

90 DEGREE PLUG, ACCEPT SHILED CABLE

Series	Accepted Cable Size	Rated Voltage	Rated Current	Product Number No HVIL	Product Number With HVIL	PICTURES
500 Series	95mm ²	1500V DC	320A	PRC28(*)-500-95	PRC28(*)-501-95	
	120mm ²	1500V DC	350A	PRC28(*)-500-120	PRC28(*)-501-120	
	135mm ²	1500V DC	400A	PRC28(*)-500-135	PRC28(*)-501-135	
	150mm ²	1500V DC	500A	PRC28(*)-500-150	PRC28(*)-501-150	

STRAIGHT PLUG, ACCEPT SHILED CABLE

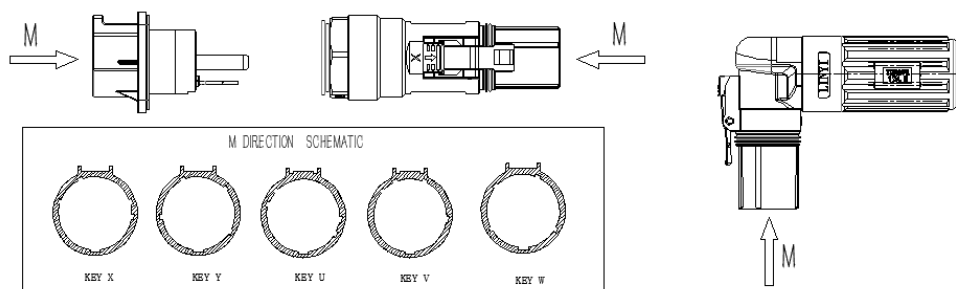
Series	Accepted Cable Size	Rated Voltage	Rated Current	Product Number No HVIL	Product Number With HVIL	PICTURES
500 Series	95mm ²	1500V DC	320A	PRC19(*)-500-95	PRC19(*)-501-95	
	120mm ²	1500V DC	350A	PRC19(*)-500-120	PRC19(*)-501-120	
	135mm ²	1500V DC	400A	PRC19(*)-500-135	PRC19(*)-501-135	
	150mm ²	1500V DC	500A	PRC19(*)-500-150	PRC19(*)-501-150	

90 DEGREE PLUG, ACCEPT SHILED CABLE

Series	Accepted Cable Size	Rated Voltage	Rated Current	Product Number No HVIL	Product Number With HVIL	PICTURES
500 Series	95mm ²	1500V DC	320A	PRC29(*)-500-95	PRC29(*)-501-95	
	120mm ²	1500V DC	350A	PRC29(*)-500-120	PRC29(*)-501-120	
	135mm ²	1500V DC	400A	PRC29(*)-500-135	PRC29(*)-501-135	
	150mm ²	1500V DC	500A	PRC29(*)-500-150	PRC29(*)-501-150	

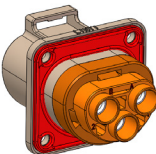
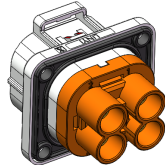
KEY POSITION

RECEPTACLE - STRAIGHT PLUG - 90 DEGREE PLUG



PRC40 SERIES

RECEPTACLE

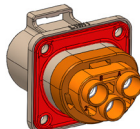
Item	Three-core Pin	Four-core Pin
Pictures		
Product Number No HVIL	PRC083(*)-40-(&)	PRC084(*)-40-(&)
Product Number With HVIL	PRC083(*)-41-(&)	PRC084(*)-41-(&)

NOTES:

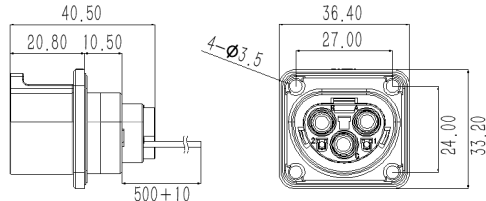
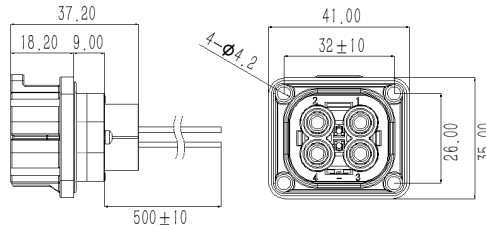
(*) Denote KEY Position: X , Y , U

(&) Denote Cable size: 2.5 , 4 , 6

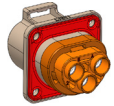
HOW TO ORDER RECEPTACLE? PART NUMBER SYSTEMS

Pictures	PRC Series	PRC 083 X - 40 - 2.5 - Y01
	(A) Connector type : 083: Three-core socket ; 084 : Four-core socket	
	(B) Key position and color : "X" Key position Orange (Include X/Y/U Three key positions)	
	(C) Product Series : 40 : Not contain HVIL , 41 : Contain HVIL	
	(D) Cable size : 2.5 mm ² , 4 mm ² , 6 mm ²	
	(E) Salt spray test : Default : 96 Hour ; Y01 : 336 Hour ; Y02 : 480 Hour	
	Note: The above models are not all, please contact your sales representative if necessary.	

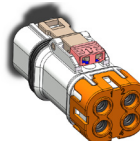
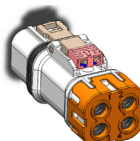
RECEPTACLE INSTALL DIMENSION

PRC083(*)-40-(&) PRC083(*)-41-(&) 	PRC084(*)-40-(&) PRC084(*)-41-(&) 
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RECEPTACLE PARAMETER TABLE, ACCEPT WIRES

Series	Accepted Cable Size	Rated Voltage	Rated Current	Product Number No HVIL	Product Number With HVIL	PICTURES
40A Three-core Series	2.5mm ²	1500V DC	20A	PRC083(*)-40-2.5	PRC083(*)-41-2.5	
	4mm ²	1500V DC	30A	PRC083(*)-40-4	PRC083(*)-41-4	
	6mm ²	1500V DC	40A	PRC083(*)-40-6	PRC083(*)-41-6	
40A Four-core Series	2.5mm ²	1500V DC	20A	PRC084(*)-40-2.5	PRC084(*)-41-2.5	
	4mm ²	1500V DC	30A	PRC084(*)-40-4	PRC084(*)-41-4	
	6mm ²	1500V DC	40A	PRC084(*)-40-6	PRC084(*)-41-6	

PLUG

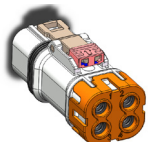
Item	Shielding Cable Three-core Integrated Plug	Unshielding Cable Three-core Integrated Plug	Shielding Cable Four-core Plug	Unshielding Cable Four-core Plug
Pictures				
Product Number No HVIL	PRC163(*)-40-(&)	PRC463(*)-40-(&)	PRC184(*)-40-(&)	PRC484(*)-40-(&)
Product Number With HVIL	PRC163(*)-41-(&)	PRC463(*)-41-(&)	PRC184(*)-41-(&)	PRC484(*)-40-(&)

NOTES:

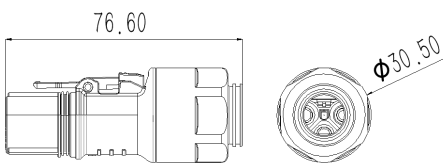
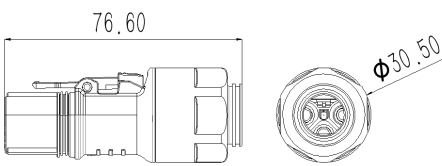
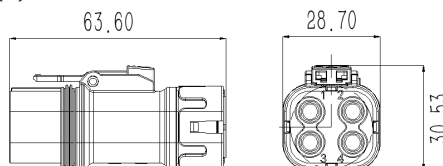
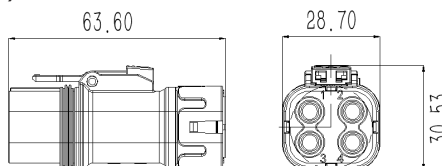
(*) Denote KEY Position: X , Y , U

(&) Denote Cable size: 2.5 , 4 , 6

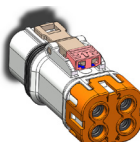
HOW TO ORDER PLUG? PART NUMBER SYSTEMS

Pictures		PRC 163 X - 40 - 2.5 - Y01
 	PRC Series	
	(A) Connector type : 163 : Shielding Cable Three-core Integrated Plug 463 : Unshielding Cable Tree-core Integrated Plug 184 : Shielding Cable Four-core Plug 484 : Unshielding Cable Four-core Plug	
	(B) Key position and color : "X" Key position , Orange (Include X/Y/U Three key positions)	
	(C) Product Series : 40 : Not contain HVIL ; 41 : Contain HVIL	
	(D) Cable size : 2.5 mm ² , 4 mm ² , 6 mm ²	
	(E) Salt spray test : Default : 96 Hour ; Y01 : 336 Hour ; Y02 : 480 Hour	
	Note: The above models are not all, please contact your sales representative if necessary.	

PLUG INSTALL DIMENSION

PRC163(*)-40-(& PRC163(*)-41-(& 	PRC463(*)-40-(& PRC463(*)-41-(& 
PRC184(*)-40-(& PRC184(*)-41-(& 	PRC484(*)-40-(& PRC484(*)-41-(& 

PLUG PARAMETER TABLE, ACCEPT SHILED CABLE

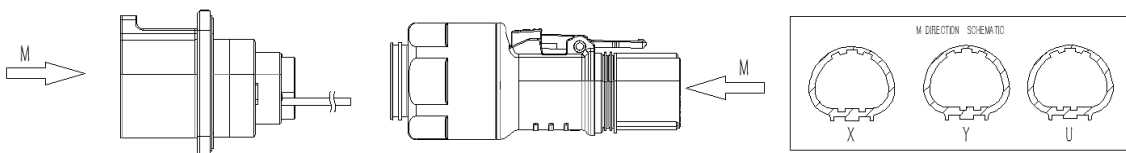
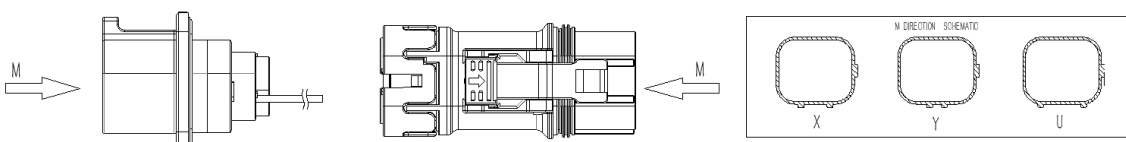
Series	Accepted Cable Size	Rated Voltage	Rated Current	Shielding Cable Three-core Integrated Plug	Unshielding Cable Three-core Integrated Plug	Picture
40A Three-core Series	2.5mm ²	1500V DC	20A	PRC163(*)-4(&-2.5	PRC463(*)-4(&-2.5	
	4mm ²	1500V DC	30A	PRC163(*)-4(&-4	PRC463(*)-4(&-4	
	6mm ²	1500V DC	40A	PRC163(*)-4(&-6	PRC463(*)-4(&-6	
Series	Accepted Cable Size	Rated Voltage	Rated Current	Shielding Cable Four-core Plug	Unshielding Cable Four-core Plug	Picture
40A Four-core Series	2.5mm ²	1500V DC	20A	PRC184(*)-4(&-2.5	PRC484(*)-4(&-2.5	
	4mm ²	1500V DC	30A	PRC184(*)-4(&-4	PRC484(*)-4(&-4	
	6mm ²	1500V DC	40A	PRC184(*)-4(&-6	PRC484(*)-4(&-6	

NOTES:

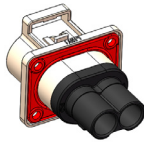
(*) Denote KEY Position: X , Y , U

(&) Denote HVIL : 0 : Not contain HVIL ; 1 : Contain HVIL

KEY POSITION

40A Three-core Series 
40A Four-core Series 

RECEPTACLE

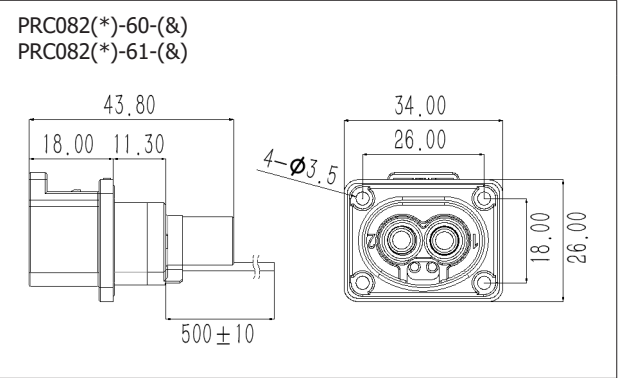
Item	Two-core Pin
Pictures	
Product Number No HVIL	PRC082(*)-60-(&)
Product Number With HVIL	PRC082(*)-61-(&)

NOTES:
(*) Denote KEY Position: X , Y , U , V
(&) Denote Cable size: 2.5 , 4 , 6 , 10

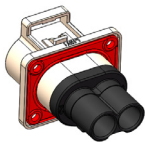
HOW TO ORDER RECEPTACLE? PART NUMBER SYSTEMS

Pictures		PRC 082 X - 60 - 2.5 - Y01
PRC Series		
(A) Connector type : 082: Two-core socket		
(B) Key position and color : "X" Key position , Orange (Include X/Y/U/V Four key positions)		
(C) Product Series : 60 : Not contain HVIL ; 61 : Contain HVIL		
(D) Cable size : 2.5 mm ² , 4 mm ² , 6 mm ² , 10 mm ²		
(E) Salt spray test : Default : 96 Hour ; Y01 : 336 Hour ; Y02 : 480 Hour		
Note: The above models are not all, please contact your sales representative if necessary.		

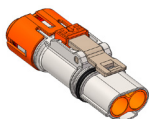
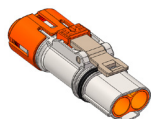
RECEPTACLE INSTALL DIMENSION



RECEPTACLE PARAMETER TABLE, ACCEPT WIRES

Series	Accepted Cable Size	Rated Voltage	Rated Current	Product Number No HVIL	Product Number With HVIL	PICTURES
60A Two-core Series	2.5mm ²	1500V DC	25A	PRC082(*)-60-2.5	PRC082(*)-61-2.5	
	4mm ²	1500V DC	35A	PRC082(*)-60-4	PRC082(*)-61-4	
	6mm ²	1500V DC	45A	PRC082(*)-60-6	PRC082(*)-61-6	
	10mm ²	1500V DC	60A	PRC082(*)-60-10	PRC082(*)-61-10	

PLUG

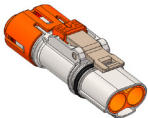
Item	Shielding Cable Two-core Plug	Unshielding Cable Two-core Plug	Shielding Cable Two-core Integrated Plug	Unshielding Cable Two-core Integrated Plug
Pictures				
Product Number No HVIL	PRC182(*)-60-(&)	PRC482(*)-60-(&)	PRC162(*)-60-(&)	PRC462(*)-60-(&)
Product Number With HVIL	PRC182(*)-61-(&)	PRC482(*)-61-(&)	PRC162(*)-61-(&)	PRC462(*)-61-(&)

NOTES:

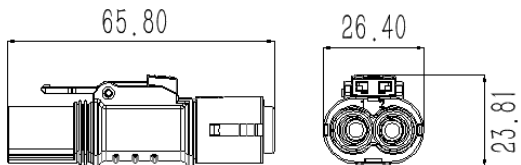
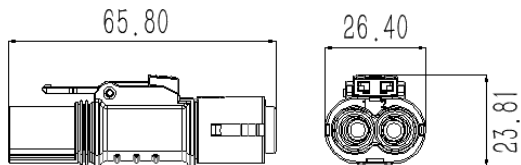
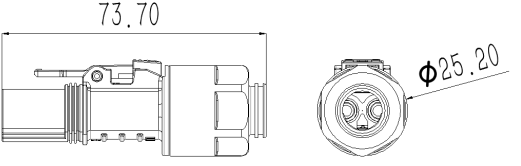
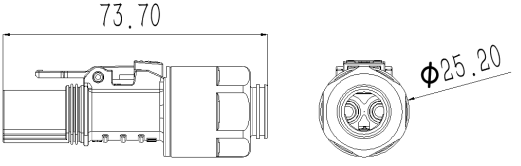
(*) Denote KEY Position : U , V , X , Y

(&) Denote Cable dimension : 2.5 , 4 , 6 , 10

HOW TO ORDER PLUG? PART NUMBER SYSTEMS

Pictures		PRC 182 X - 60 - 2.5 - Y01
 	PRC Series	
	(A) Connector type : 182 : Shielding Cable Two-core Plug 162 : Shielding Cable Two-core Integrated Plug 482 : Unshielding Cable Two-core Plug 462 : Unshielding Cable Two-core Integrated Plug	
	(B) Key position and color : "X" Key position , Orange (Include X/Y/U/V Four key positions)	
	(C) Product Series : 60 : Not contain HVIL ; 61 : Contain HVIL	
	(D) Cable size : 2.5 mm ² , 4 mm ² , 6 mm ² , 10 mm ²	
	(E) Salt spray test : Default : 96 Hour ; Y01 : 336 Hour ; Y02 : 480 Hour	
	Note: The above models are not all, please contact your sales representative if necessary.	

PLUG INSTALL DIMENSION

PRC182(*)-60-(&) PRC182(*)-61-(&) 	PRC482(*)-60-(&) PRC482(*)-61-(&) 
PRC162(*)-60-(&) PRC162(*)-61-(&) 	PRC462(*)-60-(&) PRC462(*)-61-(&) 

PLUG PARAMETER TABLE, ACCEPT SHILED CABLE

Series	Accepted Cable Size	Rated Voltage	Rated Current	Shielding Cable Two-core Plug	Unshielding Cable Two-core Plug	Shielding Cable Two-core Integrated Plug	Unshielding Cable Two-core Integrated Plug
60A Two-core Series	2.5mm ²	1500V DC	25A	PRC182(*)-6(&)-2.5	PRC482(*)-6(&)-2.5	PRC162(*)-6(&)-2.5	PRC462(*)-6(&)-2.5
	4mm ²	1500V DC	35A	PRC182(*)-6(&)-4	PRC482(*)-6(&)-4	PRC162(*)-6(&)-4	PRC462(*)-6(&)-4
	6mm ²	1500V DC	45A	PRC182(*)-6(&)-6	PRC482(*)-6(&)-6	PRC162(*)-6(&)-6	PRC462(*)-6(&)-6
	10mm ²	1500V DC	60A	PRC182(*)-6(&)-10	PRC482(*)-6(&)-10	PRC162(*)-6(&)-10	PRC462(*)-6(&)-10

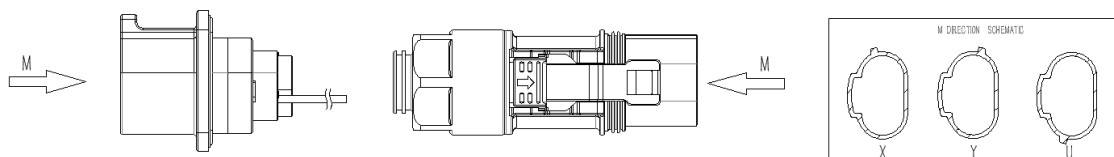
NOTES:

(*) Denote KEY Position: X, Y, U, V

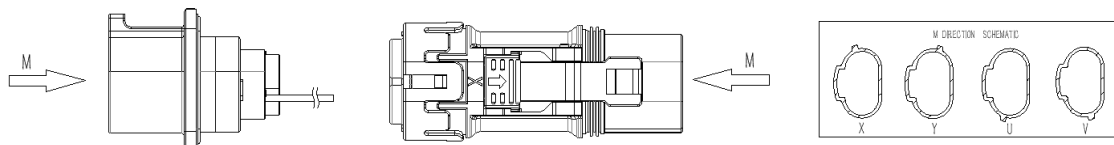
(&) Denote HVIL: 0 : Not contain HVIL ; 1 : Contain HVIL

KEY POSITION

60A Two-core Integrated Plug



60A Two-core Plug



Connect The EV Safer

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