

DC Current Rating	25 A~65 A
DC Voltage Rating	1000V
Temperature Range	-40°C to +125°C
Flammability	UL94 V-0
Mating Cycle	Min. 500

Features

IP67 Protection
HVIL
Touch Proof
Multi Polarization
2 & 4 Position Connections
Automatic Secondary Lock

POWERLOK 4.0
UNSHIELDED TYPE

Applications

- Electric air conditioning
- Battery pack
- High voltage power distribution
- DC/DC converter
- Electric heater
- On-board charger
- Electric power steering

Ordering Code

2 Position Connectors

Current Rating	Cable Size	Polarization	Reference Plug P/N	Reference Mating Receptacle P/N	Application Specification
25 A	2.5 mm ²	X	PL482X-61-2.5	PL082X-61-2.5	ATPI002
		Y	PL482Y-61-2.5	PL082Y-61-2.5	
		U	PL482U-61-2.5	PL082U-61-2.5	
35 A	4 mm ²	X	PL482X-61-4	PL082X-61-4	ATPI002
		Y	PL482Y-61-4	PL082Y-61-4	
		U	PL482U-61-4	PL082U-61-4	
55 A	6 mm ²	X	PL482X-61-6	PL082X-61-6	ATPI002
		Y	PL482Y-61-6	PL082Y-61-6	
		U	PL482U-61-6	PL082U-61-6	
65 A	10 mm ²	X	PL482X-61-10	PL082X-61-10	ATPI002
		Y	PL482Y-61-10	PL082Y-61-10	
		U	PL482U-61-10	PL082U-61-10	

4 Position Connectors

Current Rating	Cable Size	Polarization	Reference Plug P/N	Reference Mating Receptacle P/N	Application Specification
25 A	2.5 mm ²	X	PL484X-41-2.5	PL084X-41-2.5	ATPI002
		Y	PL484Y-41-2.5	PL084Y-41-2.5	
		U	PL484U-41-2.5	PL084U-41-2.5	
35 A	4 mm ²	X	PL484X-41-4	PL084X-41-4	ATPI002
		Y	PL484Y-41-4	PL084Y-41-4	
		U	PL484U-41-4	PL084U-41-4	
55 A	6 mm ²	X	PL484X-41-6	PL084X-41-6	ATPI002
		Y	PL484Y-41-6	PL084Y-41-6	
		U	PL484U-41-6	PL084U-41-6	

Sealing Plugs

Part NO.	Cable Size	Application Specification
AC-CP000384	2.5 mm ²	ATPI002
AC-CP000385	4mm ²	
AC-CP000386	6mm ²	

Ordering Information

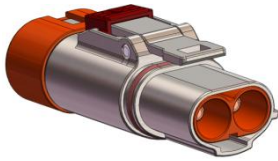
		PL (A)	482 (B)	X (C)	-	60 (D)	-	4 (E)		
(A) Product Type		(B) Connector Type		(C) Polarization & color		(D) Series		(E) Accepted Cable Size		
								Cable Size		Current Rating
PL	POWERLOK 4.0	082	2POS Receptacle	X	Key "X" Orange	60	60 Series	2.5	2.5 mm ²	25 A
		482	2POS Plug Connector, Straight	Y	Key "Y" Black	61	60 Series with HVIL	4	4 mm ²	35 A
		084	4POS Receptacle	U	Key "U" Yellow	40	40 Series	6	6 mm ²	55 A
		484	4POS Plug Connector, Straight			41	40 Series with HVIL	10	10 mm ²	65 A

POWERLOK 4.0

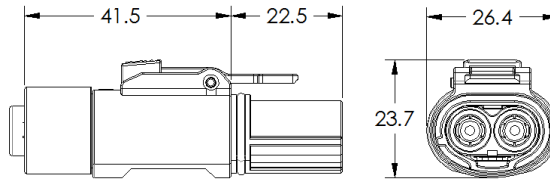
UNSHIELDED TYPE

Dimensions

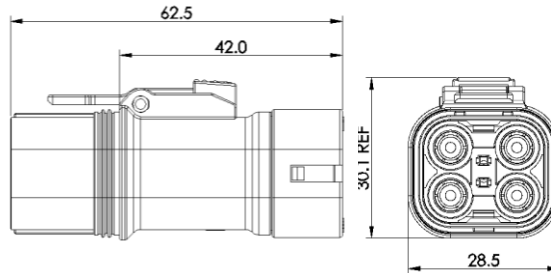
Plug Dimensions



2 Position Plug



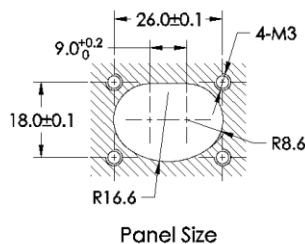
4 Position Plug



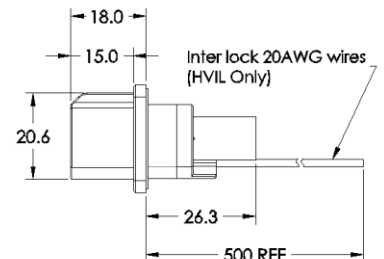
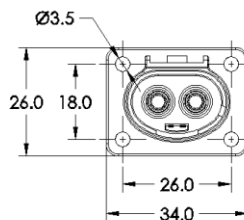
Receptacle Dimensions



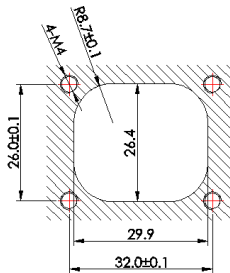
2 Position Receptacle



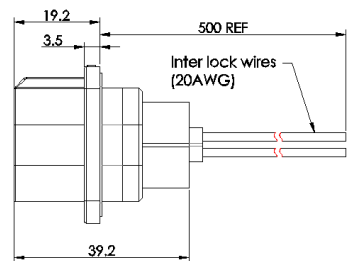
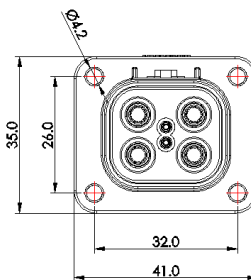
Panel Size



4 Position Receptacle



面板安装孔尺寸
Panel Size



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