

Amphenol CoolPower® Slim Drawer connectors combine robust, high performance reliability with cost effective features critical in today's power applications. Slim Drawer connectors can accommodate a variety of mixed power and signal contact arrangements to serve in a number of power supply and distribution applications. Slim Drawer key features include:

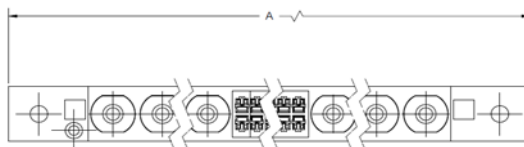
- Integrated alignment features for blind mating
- Design flexibility
- High current CoolBand contact technology (supports hot plug applications)
- Slim profile
- Optional sequential mating, AC and DC arrangements
- RoHS Compliant

For more information, please refer to Product Specification S6031C or product family drawings

Slim Drawer Connector	Part Number	Number of Contacts		Maximum Dim. "A"*	Gender	Orientation	Contact Options	Current Rating**	Termination	Contact Plating Options†	Mounting Options††	
		Power	Signal								PCB	Panel
	DWR-T2XXP-V21X-0X	2	XX 00 to 40	4.074"	Pin	Vertical	CoolBand Size #8	Up to 60A	Solder-cup 8 AWG Power 20 AWG Signal	X 2 = 15µ" Gold 3 = 30µ" Gold 6 = 200µ Silver	STD	X 0,1,2,4,6
	DWR-T2XXS-V21X-0X	4		4.794"	Socket		Pin ø .138"					
	DWR-T4XXP-V21X-0X	6		5.514"	Pin		CoolBand Size #8					
	DWR-T4XXS-V21X-0X	8		6.234"	Socket		Pin ø .138"					
	DWR-T6XXP-V23X-0X	2	XX 00 to 40	4.074"	Pin	Vertical	CoolBand Size #8	Up to 60A	PCB Solder Tail ø .148" Power 0.18" x 0.30" Signal .150" Tail Length	X 2 = 15µ" Gold 3 = 30µ" Gold 6 = 200µ Silver	STD	X 0,1,2,4,6
	DWR-T6XXS-V23X-0X	4		4.794"	Socket		Pin ø .138"					
	DWR-T8XXP-V23X-0X	6		5.514"	Pin		CoolBand Size #8					
	DWR-T8XXS-V23X-0X	8		6.234"	Socket		Pin ø .138"					
	DWR-T2XXP-V26X-0X	2	XX 00 to 40	4.074"	Pin	Vertical	CoolBand Size #8	Up to 60A	Press-Fit Tail .150" Tail Length	X 2 = 15µ" Gold 3 = 30µ" Gold 6 = 200µ Silver	STD	X 0,1,2,4,6
	DWR-T2XXS-V26X-0X	4		4.794"	Socket		Pin ø .138"					
	DWR-T4XXP-V26X-0X	6		5.514"	Pin		CoolBand Size #8					
	DWR-T4XXS-V26X-0X	8		6.234"	Socket		Pin ø .138"					
	DWR-T6XXP-V23X-XX	2	XX 00 to 40	4.074"	Pin	Right Angle	CoolBand Size #8	Up to 60A	PCB Solder Tail ø .148" Power 0.18" x 0.30" Signal	X 2 = 15µ" Gold 3 = 30µ" Gold 6 = 200µ Silver	X A,B	X 0,1,2,4,6
	DWR-T6XXS-V23X-XX	4		4.794"	Socket		Pin ø .138"					
	DWR-T8XXP-V23X-XX	6		5.514"	Pin		CoolBand Size #8					
	DWR-T8XXS-V23X-XX	8		6.234"	Socket		Pin ø .138"					

* Pin (Male) connectors shown - Dim. "A" same for both genders
 ** Silver plating option on Power-only (15µ" gold on signal contacts)

† Refer to T-rise vs. Current Rating Graph (rear side)
 †† See rear side for Options



Mounting Options (for part number suffix variables on front side)

PCB Mounting Options (Right Angle Versions)

- A = Bracket with ϕ .128 clear hole
- B = Bracket with arrow-head board lock

Panel Mounting Options

- 0 = No mounting feature
- 1 = No mounting ears*
- 2 = ϕ 0.128" through hole
- 4 = #4-40 threaded hole
- 6 = M3 threaded hole

* Mounting ears required for right angle versions

Performance Specifications

Current Rating (per contact)

Power	Up to 60A
Signal	5A

Dielectric Withstand Voltage

2500V DC (power contacts)**

Insulation Resistance

5000 M Ω

Contact Resistance

Power	<0.25 m Ω
Signal	20 m Ω

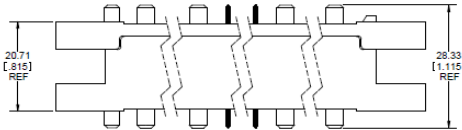
Operating Temperature

-55°C to +105°C

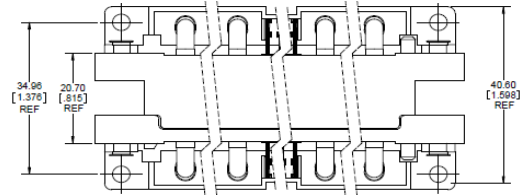
**UL, CSA, TÜV certifications pending

Mated Distance

Vertical

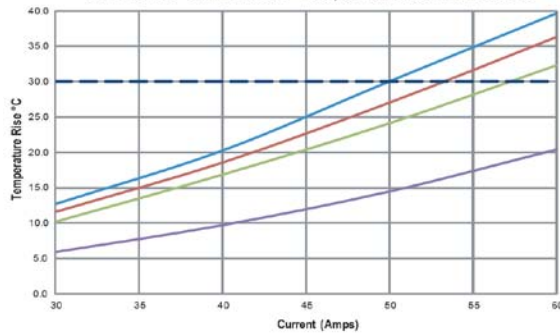


Right Angle



Temperature Rise

CoolPower® Slim Drawer - Temperature Rise vs. Current



Applications

Power supply, distribution and control for board-to-board, panel-mount and rack-mount connections

- Networking
- Telcom
- Server
- Storage
- Wireless
- Medical
- Test & Measure
- Industrial



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