PwrBlade® Cable

Product Presentation

Category Information

Power Solutions Offerings

1	2	3
Power connectors	**Power cable IO**	**Busbar**

Board, Cable, Busbar connectors

PwrBlade,

PwrBlade +

HPCE BTB *NEW*

HPCE

HCI

PwrLoPro *NEW*

BarKlip *NEW*

Airmax power*

Cable assemblies

PwrBlade cable

HPCE cable *NEW*
PwrProfile

PwrProfile(+)

PwrTwinblade

Laminated Busbars

Customer–made

* Backplane power

Product Information

PwrBlade Cable Key Points

- Strong brand name 'PwrBlade' – Utilizes same proven contact design and interface as the board-to-board system

- Offering both WTB and WTW solution with either panel mount or squeeze to release (STR) end modules

- "Form, fit and function" compatible with equivalent offerings from TE

PwrBlade Cable Product Spec (1/4)

- Contact Spacing
    - Power - 250"/ 6.35mm or.300"/ 7.62mm .250"/5.08mm
    - Signal Contacts - .100"/ 2.54mm

- Cable Sizes
    - Power cable sizes: 8,10, 12, and 14 AWG (can mix)

Power Pitch	8 AWG	10AWG	12AWG	14AWG
.25/6.35	-	Y	Y	Y
.20/5.08	-	-	Y	Y
.30/7.62	Y	Y	Y	Y

    - Signal cable sizes: 22-26 AWG
- Current Rating (at 30oC T-Rise in still air)

| Wire Size	2 cables	10 cables
8 AWG	40A	35A
10 AWG	35A	30A
14 AWG	25A	20A

PwrBlade Cable Product Spec (2/4)

- Mating styles
  - Squeeze-to-release (STR)
  - Panel mount
  - Side-to-lock (STL) NEW
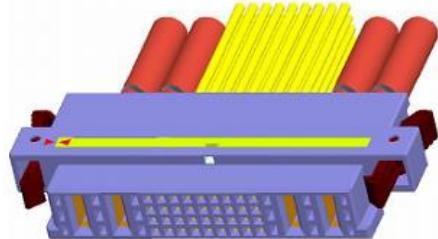
Squeeze-To-Release Latches

Panel-mount With Guide
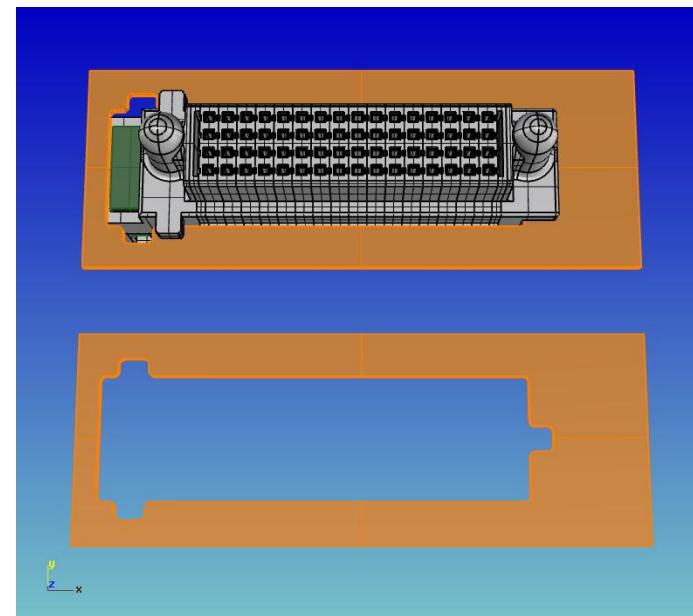
Side to lock (one side)

PwrBlade Cable Product Spec (3/4)

- Application options
  - Both WTB and WTW are available

Header board connectors

Header cable assembly

Receptacle cable assembly

PwrBlade Cable Product Spec (4/4)

- Flexible design

Available Power Contact Confiuration			
I/O Mounting Style		Power Pitch / Min- Max # Power Contacts	
		.250" / 6.35mm	.300" / 7.65mm
PANEL MOUNT WITH GUIDES	All Power	2 - 19	2 - 17
PANEL MOUNT WITHOUT GUIDES	All Power	2 - 22	2 - 20
SQEEZE to RELEASE (STR)	All Power	2 - 22	2 - 20

- Rugged Blind-Mate connector system
- Pluggable power supply interface
- Up to 3 levels of sequential contact : 2 for power (from the header side) and 2 for signals (from the receptacle side)

THANK YOU