PWRBLADE RECEPTACLE - RIGHT ANGLE - 51915-299LF

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View Product Series

DOCUMENTATION

- Product Drawing
- Product Specification
- Application Specification
- Datasheet

Overview
Distributor Stock Check
Part Specification Detail

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OVERVIEW

DESCRIPTION ENVIRONMENTAL COMPLIANCE

PwrBlade®, Power Connectors, 24S 9P Right Angle Receptacle, Solder To Board



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DISTRIBUTOR STOCK CHECK

AMERICAS

Distributor Name	Stock	Updated Date	
Avnet	10	9/24/2021	Buy Now

PART SPECIFICATION DETAIL

The information below is for reference only. For more technical details, refer to product specification and application specification.

Comments	Ordering data shown is for our standard product offering. For non-standard or custom products, contact your Authorized FCI Representative.	Component Type	Two Piece Mid Range
Gender	Receptacle	Number of Contacts (Power)	9
Number of Contacts (Signal)	24	Number of Rows (Power)	1
Number of Rows (Signal)	4	Orientation	Right Angle
Receptacle Pin Pattern (Right to Left)	Signal/Power	Termination Style	Solder To Board
Pitch (Power)	5.08mm (0.200in) | 6.35mm (0.250in) | 7.62mm (0.300in)	Pitch (Signal)	2.54mm (0.100in)
Tail Length	3.43mm (0.135in)	Wipe (Power Contact)	1.07
Current Rating	48A max. for One Powered Contact, 30A max. for Ten Contacts Powered	Dielectric Withstanding Voltage	2500V DC for power ; 1000V DC for signal contacts
Current Rating per contact	41 - 70A	Resistance (Contact)	Maximum for mated pair is 0.7mΩ
Resistance (Insulation)	? 10,000MΩ after Environmental Test Conditions	Color - Housing	Black
Material Housing	Glass - Filled High - Temp Thermoplastic (UL-94 V-0)	Operating Temperature Range	-55°C to +125°C
Plating Contact area	0.76µm (29.921µin) Gold	Tail Plating (Power)	1.98µm (78µin) Tin
Tail Plating (Signal)	1.98µm (78µin) Tin	Guide Feature	Guide Pin
Polarization Feature	Yes	Retention Feature	Through Hole
Packaging	Tray		

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