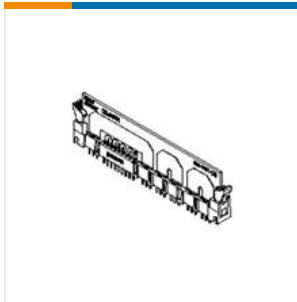




CARD EDGE POWER CONNECTORS



✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

283-0172-02303=TA CONN,SKT

[MINI CROWN EDGE](#) | [CROWN EDGE](#) , [SKT](#)

1651929-1

TE Internal Number: 1651929-1

Alias ID: 283-0172-02303

[Always EU RoHS/ELV Compliant](#)

Circuit Application **Power, Signal**

Contact Current Rating (A) **25**

Number of Power Positions **12**

Number of Signal Positions **18**

Centerline **2.5 mm [.098 in]**

Product Drawings

[SOCKET CONNECTOR ASSEMBLY SHORT TAILS W/LATCHES MC-P6S9 MINI CROWN EDGE](#)

PDF ([TIFF AVAILABLE](#))
English

[SOCKET CONNECTOR ASSEMBLY SHORT TAILS W/LATCHES MC-P6S9 MINI CROWN EDGE](#)

PDF ([TIFF AVAILABLE](#))
English

CAD Files

[Customer View Model](#)

3D_STP.ZIP
English

[Customer View Model](#)

2D_DXF.ZIP
English

[Customer View Model](#)

3D_IGS.ZIP
English

[3D PDF](#)

PDF
English

Catalog Pages/Data Sheets

[POWER_CONNECTORS_CATALOG_SEC04_VRM](#)

PDF
English

Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

Product Type Features

Housing Type

Receptacle

Product Type

Connector Assembly

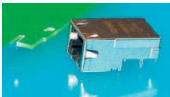
Contact Type

Socket

Configuration Features	Number of Power Positions	12
	Number of Signal Positions	18
	Centerline	2.5 mm [.098 in]
	Number of Positions	30
	Board-to-Board Configuration	Right Angle
	Number of Rows	2
	PCB Mounting Orientation	Vertical
	Row-to-Row Spacing (mm)	3.33
Electrical Characteristics	Contact Current Rating (A)	25
	Operating Voltage (VAC)	250
Contact Features	Contact Mating Area Plating Material	Gold
	Contact Mating Area Plating Thickness	.76 µm [29.92 µin]
	Contact Design	Multiple Contact Band/CROWN BAND
	Contact Termination Area Plating Thickness (µin)	120
	Contact Termination Area Plating Thickness (µm)	3.05
	Contact Termination Area Plating Finish	Matte
	Contact Base Material	Copper Alloy
	Contact Termination Area Plating Material	Tin
Termination Features	Termination Method to PC Board	Through Hole - Solder
	Termination Post/Tail Length	3 mm [.118 in]
	Tail Orientation	Staggered
Mechanical Attachment	Mating Retention Type	Latch
	Panel Mount Retention	Without
	PCB Mount Alignment	With
	Mating Alignment Type	Blindmate, Keyed
	PCB Mount Retention	Without
	Mating Retention	With
	Mating Alignment	With
Housing Features	End Caps	With
	Housing Color	Black

	Housing Material	Thermoplastic
Dimensions	Power Contact Centerline	9.7 mm [.381 in]
	PCB Thickness (Recommended)	1.57 – 2.36 mm [.062 – .093 in]
	Length	114.96 mm [4.53 in]
	Accepts Card Width	93.34 mm [3.67 in]
	Accepts Card Thickness	1.57 mm [.062 in]
	Width	9.03 mm [.3555 in]
	Height	20 mm [.787 in]
	Card Slot Depth	6 mm [.236 in]
Operation/Application	Circuit Application	Power, Signal
	Special Features	Custom Configurable
	Connector System	Board-to-Board, Card Edge
	Applies To	Printed Circuit Board
	Operating Temperature Range	-55 – 105 °C [-67 – 221 °F]
Industry Standards	UL Flammability Rating	UL 94V-0
	Agency/Standard Number	UL 1977
	CSA File Number	1935071
	Agency/Standard	CSA, UL
Packaging Features	Packaging Method	Box/Carton
	Packaging Quantity	32
Other	For Use With	Mates with Plug
Product Compliance	Statement of Compliance	
	PDF	
	VIEW ALL PRODUCT COMPLIANCE	

CUSTOMERS ALSO BOUGHT

SFP/SFP+/ZSFP+	RJ45 CONNECTORS	SURFACE MOUNT RESISTORS	HARD METRIC BACKPLANE CONNECTORS
			
SFP/SFP+/ZSFP+	RJ45 CONNECTORS	SURFACE MOUNT RESISTORS	HARD METRIC BACKPLANE CONNECTORS

SFP+ 1X4 Cage Assembly, Press- 2007132-1	Low Profile, RJ45, 1x1, GRN/YEL 1888250-1	CPF0603 680K 0.1% 25PPM 5K RL CPF0603B680KE	HMZD 3PR, RECEPTACLE ASSEMBLY 6469081-1
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