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Part Number:

0916273001

Status:

Active

Overview:

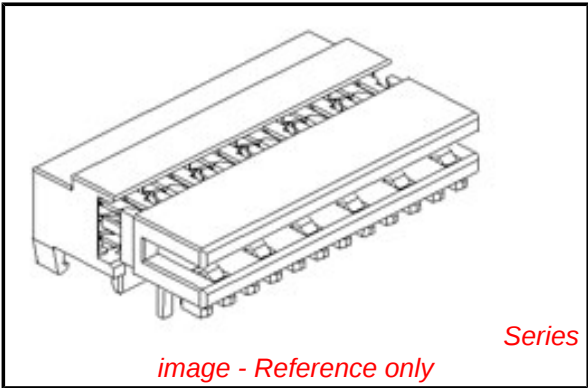
rast_power_connector

Description:

5.00mm (.197") Pitch Appli-Mate® RAST Power IDT Housing, Direct/Indirect, Female, 5 Circuits, Glow Wire Compatible, Fully Coded, Open End Walls

Documents:	
3D Model	Product Specification PS-91627-001 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	IDT and Solder Connectors
Series	91627
Crimp Quality Equipment	Yes
Overview	rast_power_connector
Product Name	RAST 5
Use With	RAST standard interface
Physical	
Circuits (Loaded)	5
Circuits (maximum)	5
Color - Resin	Natural (White)
Durability (mating cycles max)	10
Flammability	94V-2
Gender	Female
Glow-Wire Compliant	Yes
Lock to Mating Part	None
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Number of Rows	1
Packaging Type	Tray
Panel Mount	No
Pitch - Mating Interface (in)	0.197 In
Pitch - Mating Interface (mm)	5.00 mm
Pitch - Term. Interface (in)	0.197 In
Pitch - Term. Interface (mm)	5.00 mm
Plating min: Mating (µin)	32
Plating min: Mating (µm)	0.80
Plating min: Termination (µin)	32
Plating min: Termination (µm)	0.80
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40°C to +120°C
Termination Interface: Style	IDT or Pierce
Wire Size AWG	18, 22
Electrical	
Current - Maximum per Contact	6A
Voltage - Maximum	250V AC
Material Info	



EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Halogen-Free Status

Not Reviewed

China RoHS

Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

91627Series

Mates With

Appli-Mate RAST 2.5 Header 93071

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description	Product #
Appli-Mate Rast 2.5 Power Manual Terminator	0622030000
RAST 2.5 Semi-Automatic Terminator Machine For Appli-Mate™ Connectors	0623006000

Reference - Drawing Numbers

Application Specification	AS-91627-001
Packaging Specification	PK-91627-001
Product Specification	PS-91627-001
Sales Drawing	SD-91627-001

[查询"91627-3001"供应商](#)

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2 CIRCUIT

MOLEX PART NO.	TERMINAL VOD POSITION	REMOVED CODING KEYS	CONFIGURATION	LATCH BETWEEN	POLARIZING RB BETWEEN WALLS	END WALLS	COLOR STRIPE
94627-0001	NONE	NONE		NONE	NONE	OPEN	NONE
94627-0501	NONE	NONE		CCT 182	NONE	OPEN	NONE
94627-0502	NONE	NONE		CCT 182	NONE	A	NONE
94627-0002	NONE	NONE		NONE	NONE	OPEN	YELLOW
94627-0003	NONE	d		NONE	NONE	OPEN	YELLOW
94627-0004	NONE	NONE		NONE	NONE	OPEN	RED
94627-0005	NONE	b		NONE	NONE	OPEN	RED
94627-0006	NONE	d		NONE	NONE	OPEN	NONE
94627-0008	NONE	c		NONE	NONE	OPEN	NONE
94627-0009	NONE	a b		NONE	NONE	OPEN	NONE
94627-0010	NONE	a c		NONE	NONE	OPEN	NONE
94627-0503	NONE	NONE		CCT 182	NONE	B	NONE
94627-0011	NONE	b d		NONE	NONE	OPEN	NONE
94627-0012	NONE	a b c		NONE	NONE	OPEN	NONE
94627-0013	NONE	a c d		NONE	NONE	OPEN	NONE
94627-0014	NONE	b c d		NONE	NONE	OPEN	NONE
94627-0015	NONE	b		NONE	NONE	OPEN	NONE
94627-0504	NONE	a b		CCT 182	NONE	A	NONE
94627-0505	NONE	a c		CCT 182	NONE	A	NONE
94627-0506	NONE	c d		CCT 182	NONE	A	NONE
94627-0507	NONE	NONE		CCT 182	NONE	LAST	NONE
94627-0016	NONE	b c		NONE	NONE	OPEN	NONE
94627-0508	NONE	b d		CCT 182	NONE	A	NONE
94627-0024	NONE	a		NONE	NONE	OPEN	NONE

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MOLEX PART NO.	TERMINAL VOD POSITION	REMOVED CODING KEYS	CONFIGURATION	LATCH BETWEEN	POLARIZING RB BETWEEN	END WALLS	COLOR STRIPE
94627-1001	NONE	NONE		NONE	NONE	OPEN	NONE
94627-1002	NONE	a b c		NONE	CCT 182	OPEN	RED
94627-1004	NONE	NONE		NONE	CCT 182	OPEN	RED
94627-1501	NONE	NONE		CCT 182	NONE	OPEN	NONE
94627-1502	NONE	NONE		CCT 182 CCT 283	NONE	A	NONE
94627-1503	NONE	c d		CCT 182	NONE	A	NONE
94627-1005	NONE	a b c d e		NONE	NONE	OPEN	NONE
94627-1006	NONE	b c e		NONE	NONE	OPEN	NONE
94627-1007	NONE	d e f		NONE	NONE	OPEN	NONE
94627-1504	NONE	a b c		CCT 182	CCT 283	OPEN	RED
94627-1506	NONE	NONE		CCT 283	CCT 182	A	NONE
94627-1507	NONE	NONE		CCT 182	CCT 283	A	NONE
94627-1508	NONE	NONE		CCT 283	CCT 182	OPEN	NONE
94627-1008	NONE	c d f		NONE	NONE	OPEN	NONE
94627-1009	NONE	a d e		NONE	NONE	OPEN	NONE
94627-1010	NONE	b c d		NONE	NONE	OPEN	NONE
94627-1011	NONE	a d e f		NONE	NONE	OPEN	NONE
94627-1012	NONE	a b d		NONE	NONE	OPEN	NONE
94627-1013	CCT 2	d e f		NONE	CCT 182	OPEN	NONE
94627-1014	NONE	b c d e		NONE	NONE	OPEN	NONE
94627-1015	NONE	a c e		NONE	NONE	OPEN	NONE
94627-1016	NONE	NONE		NONE	NONE	OPEN	BLUE*
94627-1017	NONE	d e f		NONE	CCT 182	OPEN	NONE

4 CIRCUIT							
MOLEX PART NO.	TERMINAL VOD POSITION	REMOVED CODING KEYS	CONFIGURATION	LATCH BETWEEN	POLARIZING RB BETWEEN WALLS	END WALLS	COLOR STRIPE
94627-2001	NONE	NONE		NONE	NONE	OPEN	NONE
94627-2002	NONE	d e f g h		NONE	CCT 283	OPEN	RED
94627-2003	NONE	NONE		NONE	CCT 283	OPEN	RED
94627-2501	NONE	NONE		CCT 182	NONE	OPEN	NONE
94627-2504	NONE	b d e f g h		NONE	CCT 283	OPEN	RED
94627-2505	NONE	d e f g		NONE	NONE	OPEN	NONE
94627-2506	NONE	b c d f		NONE	NONE	OPEN	NONE
94627-2507	NONE	a b e f h		NONE	NONE	OPEN	NONE
94627-2508	NONE	ALL		NONE	NONE	OPEN	NONE
94627-2509	NONE	a b f g		NONE	NONE	OPEN	NONE
94627-2503	NONE	NONE		CCT 182 CCT 384	CCT 283	A	NONE
94627-2510	NONE	c d e h		NONE	NONE	OPEN	NONE
94627-2511	NONE	d e f g h		NONE	NONE	OPEN	NONE

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MOLEX PART NO.	TERMINAL POSITION	REMOVED CODING KEYS	CONFIGURATION	LATCH BETWEEN	POLARIZING RB BETWEEN WALLS	END WALLS	COLOR STRIPE
94627-3001	NONE	NONE		NONE	NONE	OPEN	NONE
94627-3501	NONE	NONE		CCT 182	NONE	OPEN	NONE
94627-3002	NONE	c d f g i		NONE	NONE	OPEN	NONE
94627-3003	NONE	a b c d e f g h i		NONE	NONE	OPEN	NONE
94627-3504	NONE	ALL		NONE	NONE	OPEN	NONE
94627-3502	NONE	NONE		CCT 182 CCT 445	CCT 384	A	NONE
94627-3503	NONE	NONE		CCT 182	CCT 445	A	NONE
94627-3504	NONE	NONE		CCT 182 CCT 445	CCT 283	OPEN	NONE
94627-3005	NONE	NONE		NONE	CCT 182	OPEN	NONE
94627-3006	NONE	b c d g h j		NONE	NONE	OPEN	NONE

NOTES:
1. FIRST COT SIZE IS THE SIZE CLOSEST TO CCT 1.
2. LAST COT SIZE IS THE SIZE CLOSEST TO THE HIGHEST COT SIZE.
● - DENOTES TERMINAL POSITION LOADED
○ - DENOTES TERMINAL POSITION UNLOADED
I - DENOTES POSITION OF POLARISING RB
II - DENOTES POSITION OF LOCKING LATCH
3. * - COLOUR COVERS WHOLE SURFACE

QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DESCRIPTION	DRAWING STYLE	SCALE	RESISTANCE	THIRD ANGLE PROJECTION
0 4 PLACES 3 PLACES 2 PLACES 1 PLACE	± 0.10 ± 0.10 ± 0.10 ± 0.10	DESCRIPTION	BY: K. ERMAN CHECKED BY: BHAGUIRE DATE: 2010/04/02	1:1	5MM PITCH	RAST PWR DT CONN
MOLEX INCORPORATED		MOLEX INCORPORATED				
DRAWING NO. SD-94627-001		DRAWING NO. SD-94627-001				
SHEET NO. 2 OF 3		SHEET NO. 2 OF 3				
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