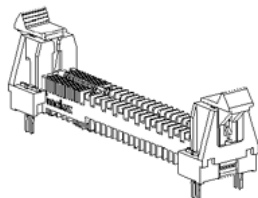


**Part Number: 78086-0001**

Low Profile VRM Socket, Vertical, SMT, 24 Signal, 38 Power Pins, 0.76µm Gold (Au) Plating, with Latch and Beveled Metal Pins, Lead-Free



Series image - Reference only

Status: Planned for Obsolescence
Series: [78086](#)
Category: Edge Card Connectors

Mates With Part(s):
Voltage Regulator Module

Product Environmental Compliance

EU RoHS: ELV and RoHS Compliant

China RoHS:

REACH SVHC:

Low-Halogen Status: Not Reviewed

Part Detail**General**

Status	Planned for Obsolescence
Category	Edge Card Connectors
Series	78086
Component Type	Edgecard to PCB
Product Name	VRM

Physical

(p)ower-(s)ignal Configuration	23s - 38p
Circuits (Loaded)	62
Circuits (maximum)	100
Color - Resin	Black, Natural
Durability (mating cycles max)	25
Entry Angle	Vertical
Keying to Mating Part	Yes
Material - Metal	High Performance Alloy (HPA), Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Tray
Pitch - Mating Interface	1.00mm, 2.00mm, 3.00mm
Pitch - Termination Interface	1.00mm, 2.00mm, 3.50mm
Plating min - Mating	0.762µm
Plating min - Termination	3.810µm
Polarized to Mating Part	Yes
Temperature Range - Operating	-10°C to +105°C
Termination Interface: Style	Surface Mount

Electrical

(Please review the Product Specification for specific details.)

Current - Maximum per Contact	1A, 6A
Voltage - Maximum	48V

Solder Process Data

Duration at Max. Process Temperature (seconds)	20
Lead-free Process Capability	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	245

Material Info**Application Tooling**

Tooling specifications and manuals are found by selecting the products below.

Crimp Height Specifications are then

contained in the Application Tooling Specification document.

Previously Available Application Tooling

[Check our list of old tooling that used to be available for this part](#)