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Part Number: [87710-2003](#)
Status: **Active**
Overview: [EXTreme PowerPlus™ \(SSI\)](#)
Description: 6.35mm Pitch, Power, 2.54mm Pitch, Signal, EXTreme PowerPlus™ S-P(B) Receptacle, Press-fit, Vertical, 0.76µm Gold (Au) Plating, 30 Circuits, Power Beta 6, Signal 24, Recessed Power Circuits at B4, B5, B6, Lead-Free

Documents:
[3D Model](#) [Application Specification AS-87631-018 \(PDF\)](#)
[Drawing \(PDF\)](#) [Application Specification AS-87633-007 \(PDF\)](#)
[Product Specification PS-87633-006 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Receptacles
Series	87710
Application	Board-to-Board, Power
Comments	Recessed Power Circuits at: B4, B5, B6
Overview	EXTreme PowerPlus™ (SSI)
Product Name	EXTreme PowerPlus™
UPC	822348731749

Physical

(p)ower-(s)ignal Configuration	6p - 24s
Circuits (Loaded)	30
Circuits (maximum)	30
Color - Resin	Black
Durability (mating cycles max)	100
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	13.694/g
Number of Rows	4
Orientation	Vertical
PC Tail Length	3.43mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	2.54mm, 4.45mm, 6.35mm
Pitch - Termination Interface	2.54mm, 4.45mm, 6.35mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Stackable	No
Temperature Range - Operating	-20°C to +105°C
Termination Interface: Style	Through Hole - Compliant Pin

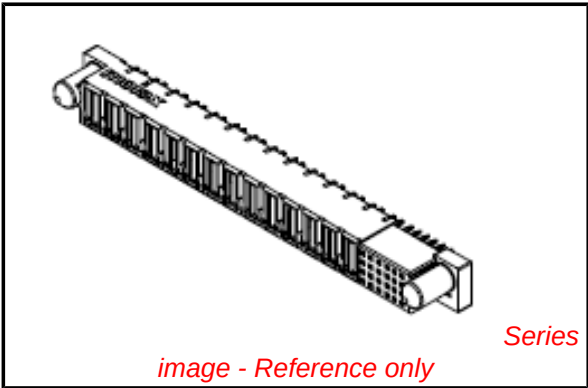


image - Reference only

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen 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
[87710Series](#)

Mates With
[87667](#) PCB Headers

Electrical

Current - Maximum per Contact	2.5A, 30A, 50A
Voltage - Maximum	250V DC

Material Info

Reference - Drawing Numbers

Application Specification	AS-87631-018, AS-87633-007
Product Specification	PS-87633-006
Sales Drawing	SD-87710-011

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