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**Part Number:** [0717431080](#)  
**Status:** **Obsolete**  
**Description:** 1.27mm (.050") Pitch EBBI™ 50D Receptacle, Vertical SCA-2, 80 Circuits

**Documents:**  
[Drawing \(PDF\)](#)

**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	PCB Receptacles
Series	71743
Application	Board-to-Board, Signal
Product Name	EBBI™

**Physical**

Circuits (Loaded)	80
Color - Resin	Black
Durability (mating cycles max)	500
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	2
Orientation	Vertical
PC Tail Length	3.18mm (.125")
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	3.18mm (.125")
Packaging Type	Tray
Pitch - Mating Interface	1.27mm (.050")
Plating min - Mating	0.762µm (30µ")
Plating min - Termination	0.254µm (10µ")
Polarized to PCB	Yes
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

**Electrical**

Current - Maximum per Contact	1A
Voltage - Maximum	30V

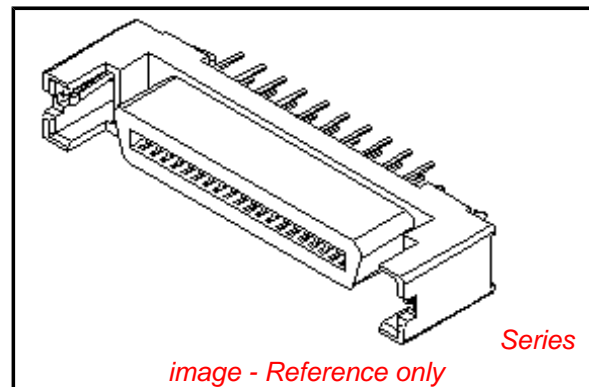
**Solder Process Data**

Lead-free Process Capability	SMC & Wave Capable (TH only)
Process Temperature max. C	260

**Material Info**

**Reference - Drawing Numbers**

Product Specification	PS-73826-0000
Sales Drawing	SDA-71743-108*



*image - Reference only*

**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC**

**Contains SVHC: No  
Low-Halogen Status  
Not Reviewed**

**China RoHS**



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**Search Parts in this Series**

71743Series

**Mates With**

87572 , 87571 , 87012

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