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**Part Number:** [0717640042](#)  
**Status:** **Obsolete**  
**Description:** 2.54mm (.100") Pitch C-Grid® Breakaway Header, Low Profile, Dual Row, Right Angle, High Temperature, 42 Circuits, Tin (Sn) Plating

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

**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	PCB Headers
Series	<a href="#">71764</a>
Application	Board-to-Board, Signal, Wire-to-Board
Product Name	C-Grid®

**Physical**

Breakaway	Yes
Circuits (Loaded)	42
Circuits (maximum)	42
Durability (mating cycles max)	25
Flammability	94V-0
Glow-Wire Compliant	No
Lock to Mating Part	None
Material - Metal	Brass, Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Number of Rows	2
Orientation	Right Angle
PC Tail Length	2.79mm (.110")
PCB Locator	No
PCB Retention	None
Packaging Type	Tube
Pitch - Mating Interface	2.54mm (.100")
Plating min - Mating	3.810µm (150µ")
Plating min - Termination	3.810µm (150µ")
Polarized to Mating Part	No
Shrouded	No
Stackable	Yes
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

**Electrical**

Current - Maximum per Contact	3A
Voltage - Maximum	250V

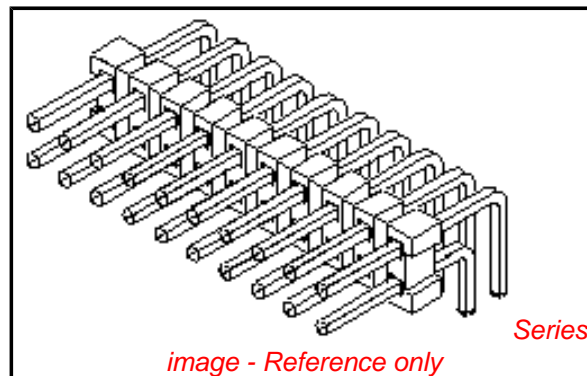
**Solder Process Data**

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

**Material Info**

**Reference - Drawing Numbers**

Product Specification	PS-71764
Sales Drawing	SD-71764-001



*image - Reference only*

**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC**

Not Reviewed

**Low-Halogen Status**

Not Reviewed

**China RoHS**



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[71764Series](#)

This document was generated on 02/22/2011

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