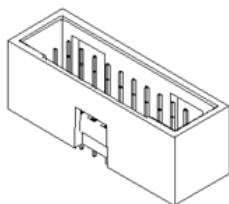


**Part Number: 15-80-1143**

2.54mm Pitch C-Grid® Header, Through Hole without Peg, Dual Row, Vertical, Shrouded, High Temperature, 14 Circuits, 0.38µm Gold, (Au) Selective Plating, Tin (Sn) PC Tail Plating, 3.81mm Inside Shroud to End Circuit Spacing



Series image - Reference only

**Status:** Contact Molex  
**Series:** [70567](#)  
**Category:** PCB Headers  
**Overview:** [C-Grid® / SL™ Products](#)  
**Old Part Number:** 705670481

**Mates With Part(s):**

[70013](#) Interim Clip

**Product Environmental Compliance**

[EU RoHS:](#) ELV and RoHS Compliant

[China RoHS:](#) 

[REACH SVHC:](#) Contains SVHC: No

[Low-Halogen Status:](#) Low-Halogen

**Part Detail****General**

<b>Status</b>	<b>Contact Molex</b>
Category	PCB Headers
Series	<a href="#">70567</a>
Application	Signal, Wire-to-Board
Overview	<a href="#">C-Grid® / SL™ Products</a>
Product Name	C-Grid®

**Physical**

Breakaway	No
Circuits (Loaded)	14
Circuits (maximum)	14
Color - Resin	Black
Durability (mating cycles max)	25
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Brass, Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	2
Orientation	Vertical
PC Tail Length	3.30mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	2.36mm
Packaging Type	Tube
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	0.381µm
Plating min - Termination	1.905µm
Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	Open Ends
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55°C to +105°C
Termination Interface: Style	Through Hole

(Please review the Product Specification for specific details.)

Current - Maximum per Contact	2.5A
Voltage - Maximum	250V DC

**Solder Process Data**

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Duration at Max. Process Temperature (seconds)	30
Lead-free Process Capability	SMC & Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	3
Process Temperature max. C	265

Old Part Number	705670481
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**Reference - Drawing Numbers**

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Product Specification	PS-70567
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**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](#)