

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0010883801](#)  
**Status:** **Obsolete**  
**Overview:** [cgrid\\_sl\\_products](#)  
**Description:** 2.54mm (.100") Pitch C-Grid® Breakaway Header, High Profile, Dual Row, Right Angle, 80 Circuits, 6.10mm (.240") Mating Pin Length, Tin (Sn) Plating

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

**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	PCB Headers
Series	<a href="#">70216</a>
Application	Board-to-Board, Signal, Wire-to-Board
Overview	<a href="#">cgrid_sl_products</a>
Product Name	C-Grid®

**Physical**

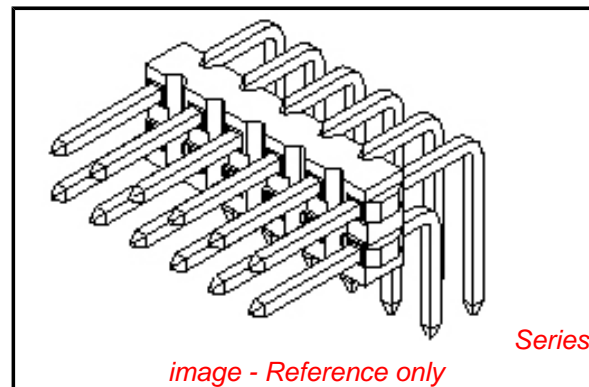
Breakaway	Yes
Circuits (Loaded)	80
Circuits (maximum)	80
Color - Resin	Black
Durability (mating cycles max)	25
Flammability	94V-0
Glow-Wire Compliant	No
Lock to Mating Part	None
Material - Metal	Brass, Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyester
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
Polarized to PCB	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	Wave Capable (TH only)
Process Temperature max. C	235



*image - Reference only*

**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC**

Not Reviewed

**Low-Halogen Status**

**Not Low-Halogen**

**China RoHS**



**Need more information on product  
environmental compliance?**

Email [productcompliance@molex.com](mailto: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**

[70216Series](#)

**Material Info**  
Old Part Number

70216-0117

This document was generated on 01/28/2011

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**