

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [70545-0050](#)
Status: **Active**
Overview: [C-Grid® Products](#)
Description: 2.54mm Pitch SL™ Header, Single Row 3.05mm Pocket Vertical, Shrouded, with Press-fir Plastic Peg, 16 Circuits, 0.38µm Gold (Au) Selective Plating, Tin (Sn) PC Tail Plating

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-70400 \(PDF\)](#)
[Product Specification PS-70541 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA	LR19980
UL	E29179

General

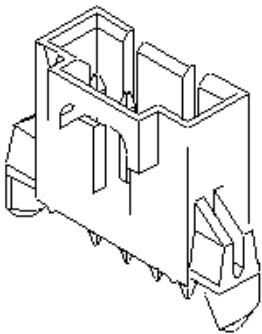
Product Family	PCB Headers
Series	70545
Application	Signal, Wire-to-Board
Overview	C-Grid® Products
Product Name	SL™

Physical

Breakaway	No
Circuits (Loaded)	16
Circuits (maximum)	16
Color - Resin	Black
Durability (mating cycles max)	50
Flammability	94V-0
Glow-Wire Compliant	No
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	1
Orientation	Vertical
PC Tail Length	3.30mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tube
Pitch - Mating Interface	2.54mm
Plating min - Mating	0.381µm
Plating min - Termination	1.905µm
Polarized to Mating Part	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

Electrical

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



*Series
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
[70545Series](#)

Mates With
[70066n](#) , [70066g](#) , [70430g](#) , [70400g](#) Housing

Solder Process Data

Duration at Max. Process Temperature (seconds)	3
Lead-free Process Capability	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	3
Process Temperature max. C	260

Material Info

Old Part Number	A-70545-0050
UPC	800753597754

Reference - Drawing Numbers

Product Specification	PS-70400, PS-70541
Sales Drawing	SDA-70545-****

This document was generated on 06/29/2012

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION