

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0015381026
Status: Active
Overview: cgrid_iii|cgrid_sl_products
Description: 2.54mm (.100") Pitch C-Grid® Shunt Terminal Housings, All Over Tin (Sn), 2 Circuits, with Open End

Documents:
[3D Model](#)
[Packaging Specification \(PDF\)](#)
[Drawing \(PDF\)](#)
[Product Specification PS-7859 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

Product Family Accessories
Series 7859
Component Type Shunt
Overview cgrid_iii|cgrid_sl_products
Product Name C-Grid®, C-Grid III™, SL™

Physical

Circuits (Loaded) 2
Color - Resin Black
Flammability 94V-0
Lock to Mating Part No
Material - Metal Phosphor Bronze
Material - Resin Polyester
Number of Rows 1
Packaging Type Bag
Temperature Range - Operating -55°C to +105°C

Electrical

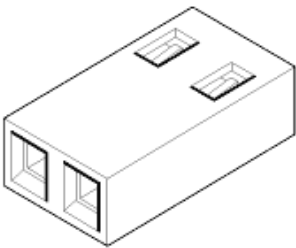
Current - Maximum per Contact 3A

Material Info

Old Part Number 7859-2A164N

Reference - Drawing Numbers

Packaging Specification PK-70873-0815
Product Specification PS-7859
Sales Drawing SDA-7859-2A***N
Test Summary TS-7859-0001



Series
image - Reference only

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Not Reviewed
Halogen-Free
Status

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
7859Series

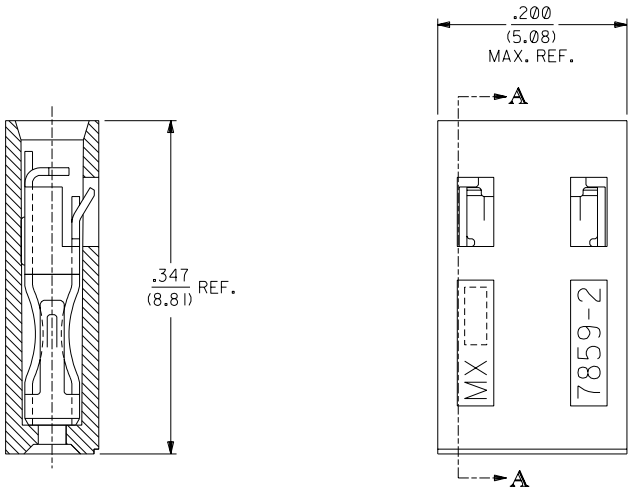
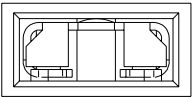
Use With
70280 C-Grid Breakaway Header, 71308 C-Grid® Header, 71764 C-Grid® Breakaway Header, 42375 KK® Breakaway Header, 42377 KK® Breakaway Header, 4030 KK® Wire-to-Board Header, 42152 KK® Wire-to-Board Header

EDP NO.	ENG NO.	FINISH
I5-38-1026	A-7859-2A164	TIN OVERALL
I5-29-1025	A-7859-2A554	I5 GOLD
I5-29-1027	A-7859-2A561	30 GOLD

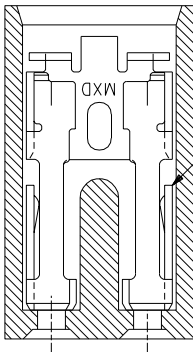
PART IDENTIFICATION:

A-7859-2A***

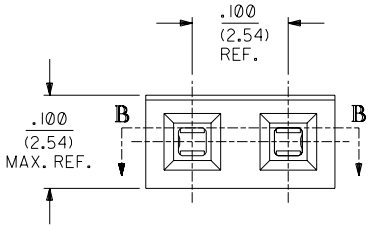
PLATING SPECIFICATION
PIN STOP VERSION



SECTION A-A



SECTION B-B



NOTES:

- MATERIAL;
HOUSING: GLASS FILLED POLYESTER; 94V-0; COLOR: BLACK
TERMINAL: PHOSPHOR BRONZE ALLOY.
- THIS PRODUCT CONFORMS TO MOLEX PRODUCT SPEC. PS-7859.
- TO BE USED WITH .025/(0.64) SQUARE PINS.
- MINIMUM MATING PIN LENGTH: .200/(5.08)
MAXIMUM MATING PIN LENGTH: .270/(6.86)
- PRODUCT IS PACKAGED IN BOXES PER PK-70873-0815.

FINISH SPECIFICATION

- TIN OVERALL - .000150 MINIMUM TIN PLATE OVER
.000050 MINIMUM NICKEL UNDERPLATE.
- I5 GOLD - .000015 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVERALL.
- 30 GOLD - .000030 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVERALL.

NOTE FOR LEAD FREE CONVERSION:

THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO ROHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC". CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH LEAD.

DIMENSIONS SHOWN (METRIC) INCH		UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°	
INCH		METRIC	
3 PLACE	± .005	---	
2 PLACE	± .01	± 0.13	
1 PLACE	---	± 0.25	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			
DRWG. BY AAB	CHK'D. BY	FILE NAME 57859X1A	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION
APP'D. BY MJM	SCALE 10: 1	DRWG. NO. SDA-7859-2A***N	DATE 02/07/91

MOLEX INCORPORATED	SHEET NO. 1 OF 1	DATE 02/07/91
LITSE,ILL. 60532	U.S.A.	
SALES ASSY - SHUNT 2-CIRCUIT TERMINAL W/PIN STOP		
REVISE ONLY ON CAD SYSTEM		

MFG.	SH.	REV.	LTR.	REVISIONS