

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0015291024](#)
Status: **Active**
Overview: [cgrid_iii|cgrid_sl_products](#)
Description: 2.54mm (.100") Pitch C-Grid® Shunt Terminal Housings, (15µ") Gold (Au), 2 Circuits, with Open End

Documents:

3D Model	Product Specification PS-7859 (PDF)
Packaging Specification (PDF)	RoHS Certificate of Compliance (PDF)
Drawing (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

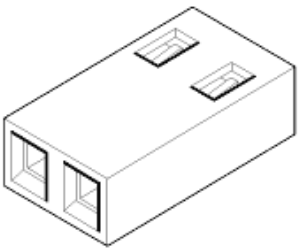
Circuits (Loaded)	2
Color - Resin	Black
Flammability	94V-0
Lock to Mating Part	No
Material - Metal	Phosphor Bronze
Material - Resin	Polyester
Number of Rows	1
Packaging Type	Bag

Material Info

Old Part Number	7859-2554N
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Reference - Drawing Numbers

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



Series
image - Reference only

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Halogen-Free

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

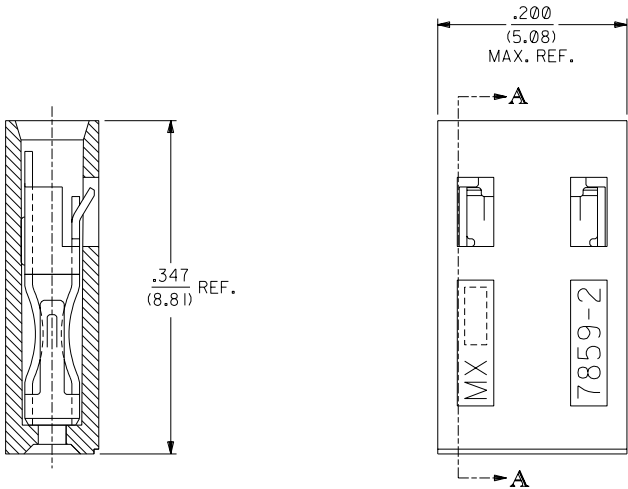
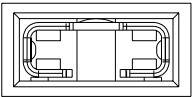
[70280](#) C-Grid Breakaway Header, [71308](#) C-
Grid® Header, [71764](#) C-Grid® Breakaway
Header, [42375](#) KK® Breakaway Header,
[42377](#) KK® Breakaway Header, [4030](#) KK®
Wire-to-Board Header, [42152](#) KK® Wire-to-
Board Header

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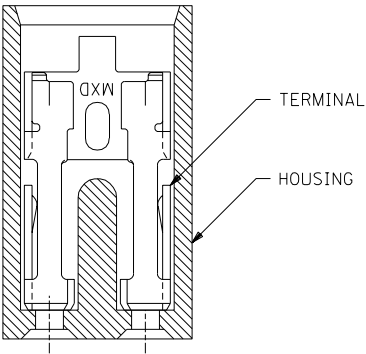
EDP NO.	ENG NO.	FINISH
15-38-1024	A-7859-2164	TIN OVERALL
15-29-1024	A-7859-2554	15 GOLD
15-29-1026	A-7859-2561	30 GOLD

PART IDENTIFICATION:

A-7859-2***
└ PLATING SPECIFICATION



SECTION A-A



SECTION B-B

NOTES:

- 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)
- PRODUCT IS PACKAGED IN BOXES PER PK-70873-0815

FINISH SPECIFICATION

- TIN OVERALL - .000150 MINIMUM TIN PLATE OVER .000050 MINIMUM NICKEL UNDERPLATE.
- 15 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.

MATERIAL:

- HOUSING: GLASS FILLED POLYESTER; 94V-0; COLOR: BLACK.
- TERMINAL: PHOSPHOR BRONZE ALLOY

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	
APP'D. BY	MJM	SCALE	10: 1
FILE NAME		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
57859X1		DA 1 C	
SEE CHART		SDA-7859-2***N	
PART NO.		SHEET NO.	
MOLEX INCORPORATED		1 OF 1	
LITSE,ILL. 60532		DATE 02/07/91	
U.S.A.			

D	LEAD FREE CONV ECN UCP2004-2133 RKADAMS 04/04/27
C1	ADDED PKG. SPEC. PER ECN U10706 WHETSTON 97/2/7
C	CHANGED MATERIAL PER ECR #U51214 95/06/02 CAC
B	REVISED ENG. NOS. PER ECR # U31581 10/26/93 REED
A	RELEASED PER ECR # U30372 03/11/93 REED
3	REVISE GOLD PLTG. PER ECR # U12055 10/18/91 AAB
2	REVISE TERM. PLTG. PER ECR # U10996 06/18/91 AAB
1	*X* RELEASE PER ECR # U10445 02/07/91 AAB