

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

**Part Number:** [0015381024](#)  
**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:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-7859 (PDF)</a>
<a href="#">Packaging Specification (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Drawing (PDF)</a>	

**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	Accessories
Series	<a href="#">7859</a>
Component Type	Shunt
MolexKits	Yes
Overview	<a href="#">cgrid_iii cgrid_sl_products</a>
Product Name	C-Grid®, C-Grid III™, SL™

**Physical**

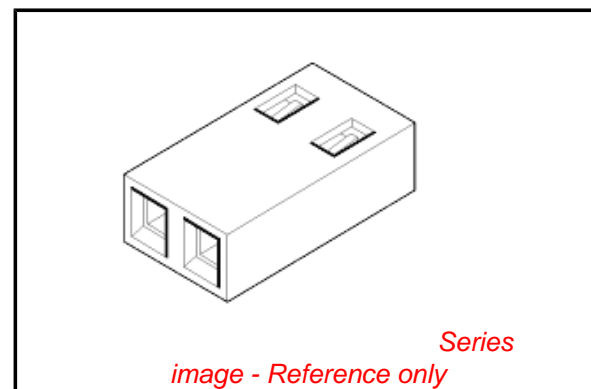
Circuits (Loaded)	2
Color - Resin	Black
Flammability	94V-0
Lock to Mating Part	No
Material - Metal	Phosphor Bronze
Material - Resin	Polyester
Number of Rows	1
Packaging Type	Bag

**Material Info**

Old Part Number	7859-2164N
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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



**EU RoHS**

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

**China RoHS**



**Not Halogen-Free**

**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**

[7859Series](#)

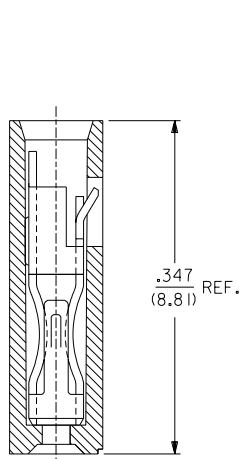
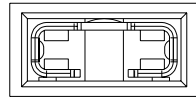
**Use With**

[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

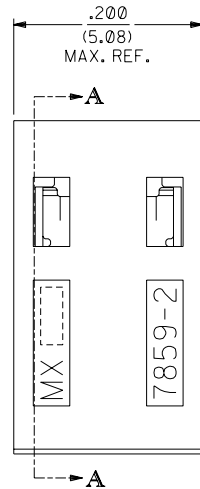
EDP NO.	ENG NO.	FINISH
15-38-1024	A-7859-2164	TIN OVERALL
15-29-1024	A-7859-2554	15 GOLD
15-29-1026	A-7859-2561	30 GOLD

**PART IDENTIFICATION:**

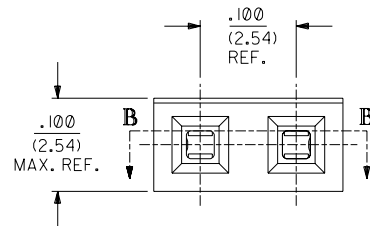
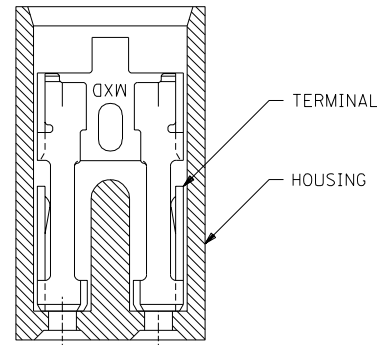
A-7859-2\*\*\*  
 └── PLATING SPECIFICATION



**SECTION A-A**



**SECTION B-B**



**NOTES:**

1. THIS PRODUCT CONFORMS TO MOLEX PRODUCT SPEC. PS-7859.
2. TO BE USED WITH .025/(0.64) SQUARE PINS.
3. MINIMUM MATING PIN LENGTH: .200/(5.08)
4. 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.

D	LEAD FREE CONV ECN UCP2004-2133 RKADAMS 04/04/27
C1	ADDED PKG. SPEC. PER ECN U10786 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 # U11096 06/18/91 AAB
1	*X* RELEASE PER ECR # U10445 02/07/91 AAB

DIMENSIONS SHOWN (METRIC) INCH		▽ = 0		◂ = 0		REVISE ONLY ON CAD SYSTEM	
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°		TITLE		SALES ASSY - SHUNT		SHEET NO. DATE	
				2-CIRCUIT TERMINAL		1 OF 1 02/07/91	
				W/OPEN END			
		MOLEX INCORPORATED		U.S.A.			
		LITSE,ILL. 60532					
DRAWING INFORMATION		PART NO.		DRWG. NO.			
DRWG. BY: AAB		CHK'D. BY:		SEE CHART		SDA-7859-2***N	
APP'D. BY: MJM		SCALE: 10: 1		FILE NAME: 57859X1		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.	