

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0015474134

Status:

Active

Overview:

cgrid_sl_products

Description:

2.54mm (.100") C-Grid SL™ Single Row, Female, Version A Receptacle, 13 Circuits

Documents:

3D Model

Drawing (PDF)

Product Specification PS-70430 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

UL

LR19880

E29179

General

Product Family

Series

Overview

Product Name

FFC/FPC Connectors

70430

cgrid_sl_products

SL™

Physical

Circuits (Loaded)

Color - Resin

Contact Position

Durability (mating cycles max)

Entry Angle

Flammability

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Number of Rows

Orientation

PC Tail Length (in)

PC Tail Length (mm)

PCB Retention

PCB Thickness Recommended (in)

PCB Thickness Recommended (mm)

Packaging Type

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Plating min: Mating (µin)

Plating min: Mating (µm)

Plating min: Termination (µin)

Plating min: Termination (µm)

Polarized to PCB

Stackable

Temperature Range - Operating

Termination Interface: Style

Wire/Cable Type

13

Black

N/A

50

Vertical

94V-0

Phosphor Bronze

Gold

Tin

Polyester Alloy

1

Vertical

0.130 In

3.30 mm

None

0.062 In, 0.093 In

1.60 mm, 2.40 mm

Tube

0.100 In

2.54 mm

30

0.75

75

1.875

No

Yes

-40°C to +105°C

IDT or Pierce

FFC/FPC

Electrical

Current - Maximum per Contact

Voltage - Maximum

1A, 2A

250V

Material Info

Old Part Number

70430-0362

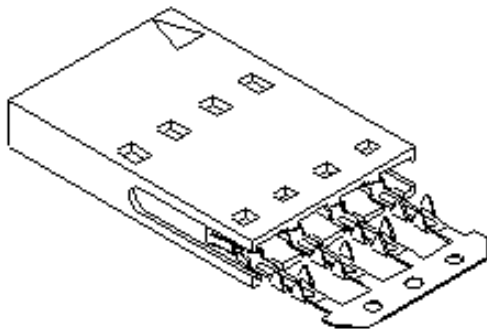


image - Reference only

Series

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Halogen-Free

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
70430Series

Mates With
2.54mm (.100") pitch, single or dual row,breakaway headers

Application Tooling | [FAQ](#)
Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global	
Description	Product #
Manual Ribbon Cable Cutter Hand Tool	0638170100
Tool Kit for Standard Manual Press FFC	0622007400
Standard Manual Press for FFC	0622007800
TM-42™ FFC and SL™ Termination Kit	0622018700

Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-70430
SDA-70430-0351-0374

TM-42™ FFC and 0622020800
SL™ Press and
Termination Kit for
110v applications

This document was generated on 05/18/2010

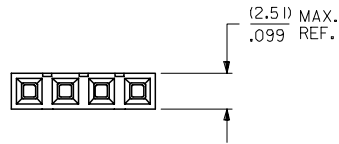
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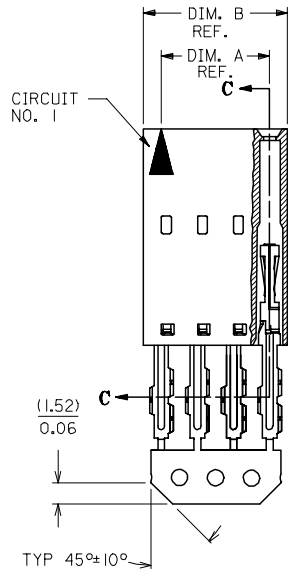
"A" - OPTION

NOTES:

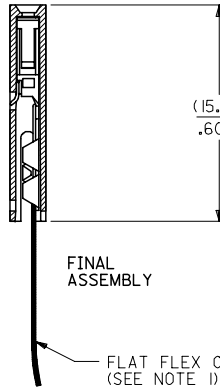
- 1) PRE LOADED ASSEMBLY TO BE USED WITH (0.30)/.012 MAX. THICK FLAT FLEX CABLE WITH (1.57)/.062 WIDE COPPER CONDUCTORS ON (2.54)/.100 CENTERS OR, (0.13)/.005 - (0.28)/.011 THICK MYLAR WITH (1.02)/.040 - (1.65)/.065 WIDE SILVER INK CONDUCTORS ON (2.54)/.100 CENTERS.
- 2) STANDARD PACKING PER PK70873-0001 SHALL BE USED.
- 3) SEE CHART FOR CIRCUIT SIZES, "A" AND "B" DIMENSIONS.
- 4) TWO (2) CIRCUIT ASSEMBLIES SUPPLIED AS GROUPED PAIRS.
- 5) PART MATES WITH (0.64)/.025 SQ. PINS, (8.13)/.320 TO (5.08)/.200 LONG ON (2.54)/.100 CENTERS.
- 6) REFER TO SDA-70430-**** (SHEET 3) FOR MINOR VARIATIONS TO "G" OPTION HOUSINGS.
- 7) PARTS CONFORM TO CLASS B OF COSMETIC SPECIFICATION PS-45499-002.



SECTION C-C



PRE-LOAD ASSEMBLY



FINAL ASSEMBLY

FLAT FLEX CABLE (F.F.C.)
(SEE NOTE 1)

HOUSING MATERIAL: GLASS FILLED POLYESTER, UL 94V-0.

TERMINAL MATERIAL: PHOSPHOR BRONZE.

PLATING: 30 GOLD - .000030 MINIMUM
 .000075 MINIMUM
 .000050 MINIMUM

GOLD PLATE IN SELECT AREA,
TIN PLATE IN SELECT AREA,
NICKEL PLATE OVER-ALL.

CONTACT PLATING	COLOR CODE
TIN	NONE
15 GOLD	YELLOW
30 GOLD	RED

ADD TOLERANCE
EC NO: UCP2007-2849
DRAWN: JORGAN 2007/05/18
CHKD: MS BARRA 2007/05/21
APPR: SMILLER 2007/05/21
REV

QUALITY SYMBOLS
=0
=0
DESCRIPTION

GENERAL TOLERANCES (UNLESS SPECIFIED)	
mm	INCH
4 PLACES ± .005	± .0004
3 PLACES ± .005	± .0004
2 PLACES ± 0.25	± .010
1 PLACE ± 0.38	± .015
ANGULAR ± 1/2°	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

DIMENSION STYLE	
MM/IN	
DRAWN BY	DATE
RAS	1986/07/21
CHECKED BY	DATE
MJM	1986/07/21
APPROVED BY	DATE
WAZ	1986/07/21
MATERIAL NO.	
SEE TABLE	

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
4:1	INCH	
TITLE		
ASSEMBLY, CONNECTOR FFC FEMALE SINGLE ROW (2.54)/.100		
MOLEX INCORPORATED		
DOCUMENT NO.		SHEET NO.
SDA-70430-0351-0374		1 OF 1
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