

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0015474172](#)
Status: **Active**
Overview: [cgrid_sl_products](#)
Description: 2.54mm (.100") C-Grid SL™ Single Row, Female, Version D Receptacle, 17 Circuits

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)

[Product Specification PS-70430 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19880
UL E29179

General

Product Family FFC/FPC Connectors
Series [70430](#)
Comments Stackable Back-to-Back
Overview [cgrid_sl_products](#)
Product Name SL™

Physical

Circuits (Loaded) 17
Color - Resin Black
Contact Position N/A
Durability (mating cycles max) 50
Entry Angle Vertical
Flammability 94V-0
Material - Metal Phosphor Bronze
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin Polyester Alloy
Number of Rows 1
Orientation Vertical
PCB Retention None
Packaging Type Tube
Pitch - Mating Interface (in) 0.100 In
Pitch - Mating Interface (mm) 2.54 mm
Plating min: Mating (µin) 15
Plating min: Mating (µm) 0.375
Plating min: Termination (µin) 75
Plating min: Termination (µm) 1.875
Polarized to PCB No
Stackable Yes
Temperature Range - Operating -40°C to +105°C
Termination Interface: Style IDT or Pierce
Wire/Cable Type FFC/FPC

Electrical

Current - Maximum per Contact 1A, 2A
Voltage - Maximum 250V

Material Info

Old Part Number 70430-0261

Reference - Drawing Numbers

Product Specification PS-70430
Sales Drawing SDA-70430-0246-0269

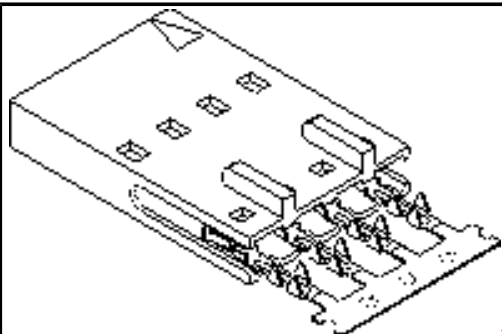


image - Reference only

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.

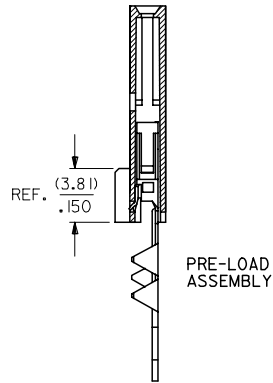
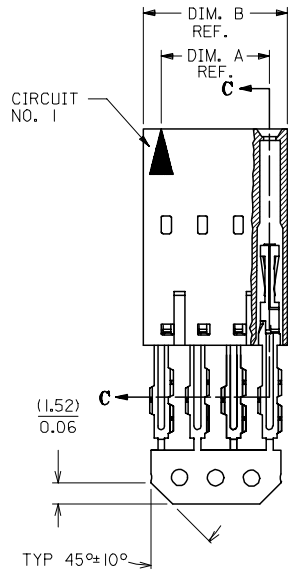
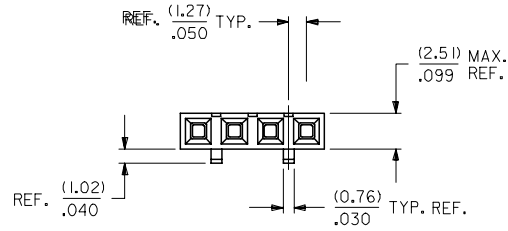
Search Parts in this Series
[70430Series](#)

Mates With
[70004](#) Interim Clip, [70013](#) Interim Clip

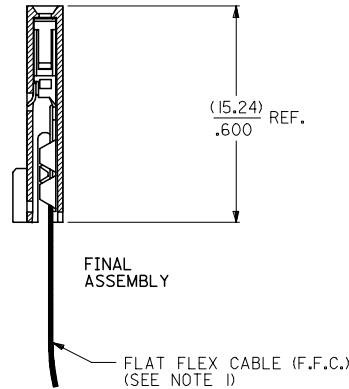
This document was generated on 05/18/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

"D" - OPTION

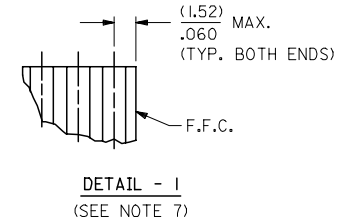


SECTION C-C



HOUSING MATERIAL: GLASS FILLED POLYESTER, UL 94V-0.
 TERMINAL MATERIAL: PHOSPHOR BRONZE.
 PLATING: 15 GOLD - .000015 MINIMUM GOLD PLATE IN SELECT AREA,
 .000075 MINIMUM TIN PLATE IN SELECT AREA,
 .000050 MINIMUM NICKEL PLATE OVERALL.

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	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION ASSEMBLY, CONNECTOR FFC FEMALE SINGLE ROW (2.54)/.100 GRID MOLEX INCORPORATED SDA-70430-0246-0269 SHEET NO. 1 OF 1
		mm	INCH	MM/IN	DATE	4:1	INCH	
		4 PLACES ± .0005	± .0005	RAS	1986/07/21			
		3 PLACES ± .0010	± .0010	CHECKED BY	DATE			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE C	2 PLACES ± 0.25	± .015	MJM	1986/07/21			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION
		1 PLACE ± 0.38	± .015	APPROVED BY	DATE			
		ANGULAR ± 1/2°		WAZ	1986/07/21			
				MATERIAL NO.				

CKT. SIZE	EDP. NO.	ENG. NO.	A	B
2	015-47-4022	70430-0246	(2.54) .100	(5.05) .199
3	015-47-4032	70430-0247	(5.08) .200	(7.59) .299
4	015-47-4042	70430-0248	(7.62) .300	(10.13) .399
5	015-47-4052	70430-0249	(10.16) .400	(12.67) .499
6	015-47-4062	70430-0250	(12.70) .500	(15.21) .599
7	015-47-4072	70430-0251	(15.24) .600	(17.75) .699
8	015-47-4082	70430-0252	(17.78) .700	(20.29) .799
9	015-47-4092	70430-0253	(20.32) .800	(22.83) .899
10	015-47-4102	70430-0254	(22.86) .900	(25.37) .999
11	015-47-4112	70430-0255	(25.40) 1.000	(27.91) 1.099
12	015-47-4122	70430-0256	(27.94) 1.100	(30.45) 1.199
13	015-47-4132	70430-0257	(30.48) 1.200	(32.99) 1.299
14	015-47-4142	70430-0258	(33.02) 1.300	(35.53) 1.399
15	015-47-4152	70430-0259	(35.56) 1.400	(38.07) 1.499
16	015-47-4162	70430-0260	(38.10) 1.500	(40.61) 1.599
17	015-47-4172	70430-0261	(40.64) 1.600	(43.15) 1.699
18	015-47-4182	70430-0262	(43.18) 1.700	(45.69) 1.799
19	015-47-4192	70430-0263	(45.72) 1.800	(48.23) 1.899
20	015-47-4202	70430-0264	(48.26) 1.900	(50.77) 1.999
21	015-47-4212	70430-0265	(50.80) 2.000	(53.31) 2.099
22	015-47-4222	70430-0266	(53.34) 2.100	(55.85) 2.199
23	015-47-4232	70430-0267	(55.88) 2.200	(58.39) 2.299
24	015-47-4242	70430-0268	(58.42) 2.300	(60.93) 2.399
25	015-47-4252	70430-0269	(60.96) 2.400	(63.47) 2.499