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Part Number:

0015388129

Status:

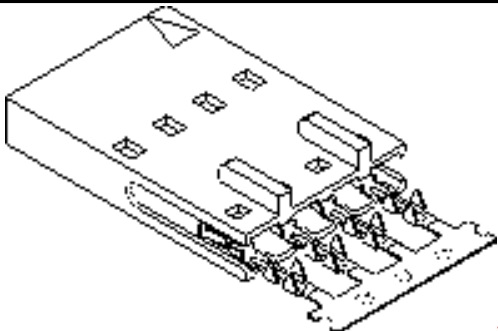
Active

Overview:

cgrid_sl_products

Description:

2.54mm (.100") C-Grid SL™ Single Row, Female, Version D Receptacle, 12 Circuits



Series

image - Reference only

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)	12
Color - Resin	Black
Contact Position	N/A
Durability (mating cycles max)	25
Entry Angle	Vertical
Flammability	94V-0
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
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)	150
Plating min: Mating (µm)	3.75
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

Reference - Drawing Numbers

Product Specification	PS-70430
Sales Drawing	SDA-70430-0071-0094

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

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.

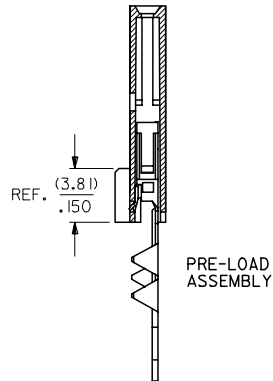
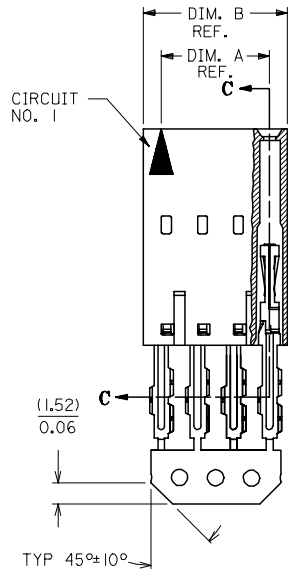
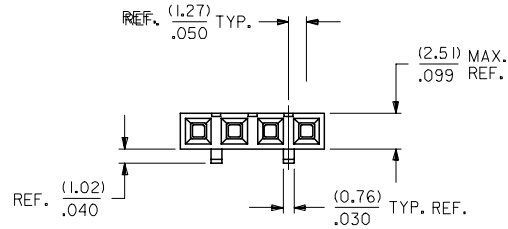
Global

Description	Product #
Tool Kit for Standard	0622007400
Manual Press FFC	
Standard Manual	0622007800
Press for FFC	

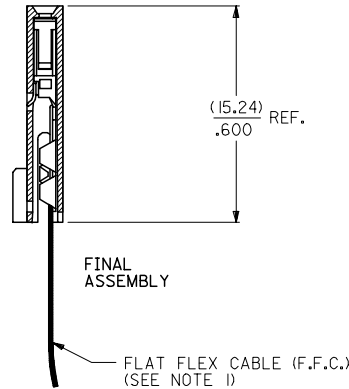
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"D" - OPTION

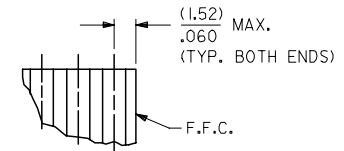


SECTION C-C



HOUSING MATERIAL: GLASS FILLED POLYSTER, UL 94V-0.
TERMINAL MATERIAL: PHOSPHOR BRONZE.
PLATING: TIN - .000150 MINIMUM TIN OVER
.000050 MINIMUM NICKEL PLATE.

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



DETAIL - 1
(SEE NOTE 7)

ADD TOLERANCE EC NO: UCP2007-2849 DRAWN: JORGAN 2007/05/18 CHKD: MS BARRA 2007/05/21 APPR: J. MILLER 2007/05/21 REV DESCRIPTION	QUALITY SYMBOLS	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-70430-0071-0094 SHEET NO. 1 OF 1
	$\nabla=0$ $\nabla=0$	mm	INCH	MM/IN	DATE	4:1	INCH	
		4 PLACES ± .005	± .005	RAS	1986/07/21			
		3 PLACES ± .010	± .010	CHECKED BY	DATE			
		2 PLACES ± 0.25 ± .015	± .015	MJM	1986/07/21			
		1 PLACE ± 0.38 ± .015	± .015	APPROVED BY	DATE			
		ANGULAR ± 1/2°		WAZ	1986/07/21			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.				
				SIZE	SEE TABLE			
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

CKT. SIZE	EDP. NO.	ENG. NO.	A	B
2	015-38-8029	70430-0071	(2.54) .100	(5.05) .199
3	015-38-8039	70430-0072	(5.08) .200	(7.59) .299
4	015-38-8049	70430-0073	(7.62) .300	(10.13) .399
5	015-38-8059	70430-0074	(10.16) .400	(12.67) .499
6	015-38-8069	70430-0075	(12.70) .500	(15.21) .599
7	015-38-8079	70430-0076	(15.24) .600	(17.75) .699
8	015-38-8089	70430-0077	(17.78) .700	(20.29) .799
9	015-38-8099	70430-0078	(20.32) .800	(22.83) .899
10	015-38-8109	70430-0079	(22.86) .900	(25.37) .999
11	015-38-8119	70430-0080	(25.40) 1.000	(27.91) 1.099
12	015-38-8129	70430-0081	(27.94) 1.100	(30.45) 1.199
13	015-38-8139	70430-0082	(30.48) 1.200	(32.99) 1.299
14	015-38-8149	70430-0083	(33.02) 1.300	(35.53) 1.399
15	015-38-8159	70430-0084	(35.56) 1.400	(38.07) 1.499
16	015-38-8169	70430-0085	(38.10) 1.500	(40.61) 1.599
17	015-38-8179	70430-0086	(40.64) 1.600	(43.15) 1.699
18	015-38-8189	70430-0087	(43.18) 1.700	(45.69) 1.799
19	015-38-8199	70430-0088	(45.72) 1.800	(48.23) 1.899
20	015-38-8209	70430-0089	(48.26) 1.900	(50.77) 1.999
21	015-38-8219	70430-0090	(50.80) 2.000	(53.31) 2.099
22	015-38-8229	70430-0091	(53.34) 2.100	(55.85) 2.199
23	015-38-8239	70430-0092	(55.88) 2.200	(58.39) 2.299
24	015-38-8249	70430-0093	(58.42) 2.300	(60.93) 2.399
25	015-38-8259	70430-0094	(60.96) 2.400	(63.47) 2.499