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Part Number:

0015388069

Status:

Active

Overview:

cgrid_sl_products

Description:

2.54mm (.100") C-Grid SL™ Single Row, Female, Version D Receptacle, 6 Circuits

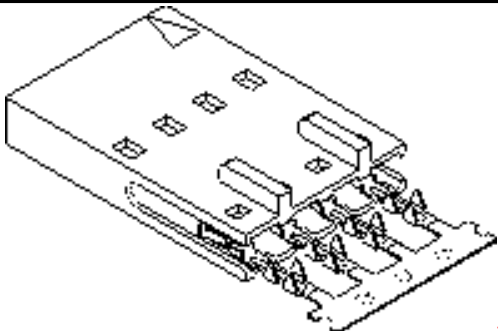


image - Reference only Series

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)	6
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

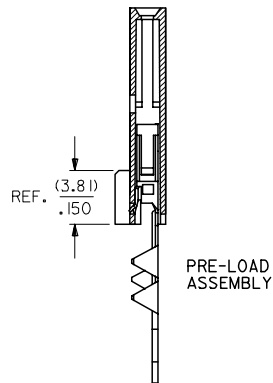
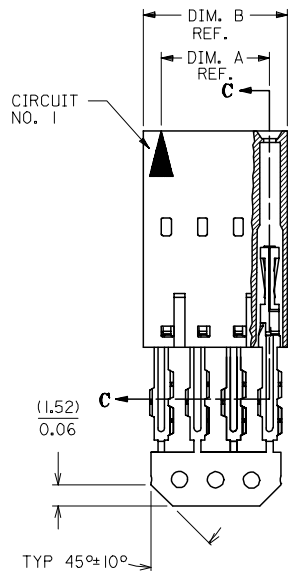
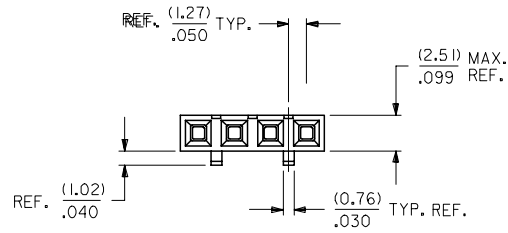
Application Tooling | FAQ
Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

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

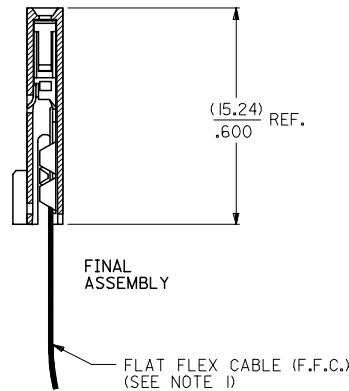
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"D" - OPTION

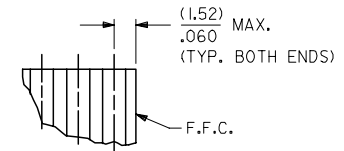


SECTION C-C



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: SMILLER 2007/05/21	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 4:1	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION	
				mm	INCH	DRAWN BY RAS	DATE 1986/07/21	TITLE ASSEMBLY, CONNECTOR FFC FEMALE SINGLE ROW (2.54)/.100 GRID		
			4 PLACES	± ---	± ---	CHECKED BY MJM	DATE 1986/07/21	MOLEX INCORPORATED		
			3 PLACES	± ---	± .010					
			2 PLACES	± 0.25	± .015	APPROVED BY WAZ	DATE 1986/07/21			
			1 PLACE	± 0.38	± ---					
			ANGULAR ±1/2°		MATERIAL NO.	DOCUMENT NO.		SHEET NO.		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SDA-70430-0071-0094			1 OF 1
					SIZE (C)	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