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Part Number: [0015388189](#)
Status: **Active**
Overview: [cgrid_sl_products](#)
Description: 2.54mm (.100") C-Grid SL™ Single Row, Female, Version D Receptacle, 18 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)	18
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

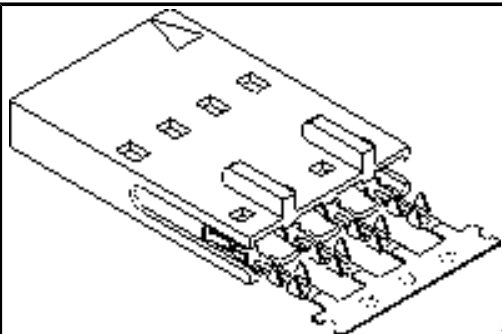


image - Reference only

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.

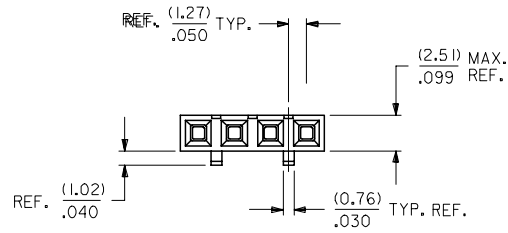
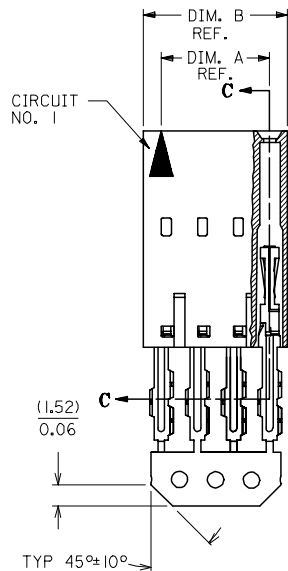
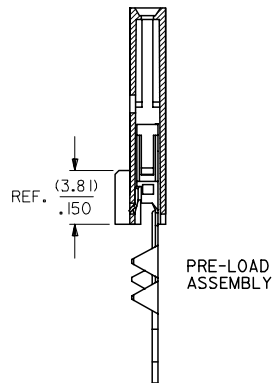
Search Parts in this Series
[70430Series](#)

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

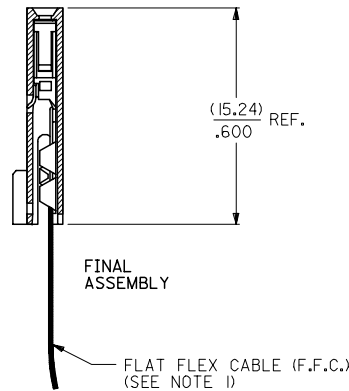
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"D" - OPTION

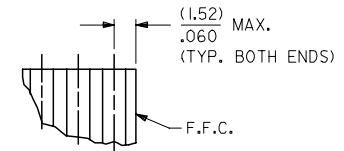


SECTION C-C



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 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	ASSEMBLY, CONNECTOR FFC FEMALE SINGLE ROW (2.54)/.100 GRID MOLEX INCORPORATED	SHEET NO. 1 OF 1			
		mm	INCH	DRAWN BY RAS	DATE 1986/07/21	TITLE							
		4 PLACES ± .005	± .005	CHECKED BY MJM	DATE 1986/07/21								
		3 PLACES ± .010	± .010	APPROVED BY WAZ	DATE 1986/07/21								
		2 PLACES ± 0.25	± .015	MATERIAL NO.		DOCUMENT NO.					SDA-70430-0071-0094		
		1 PLACE ± 0.38	± .015	SEE TABLE		SEE TABLE							
		ANGULAR ±1/2°		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE C									

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