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Part Number:

0015388087

Status:

Active

Overview:

cgrid_sl_products

Description:

2.54mm (.100") C-Grid SL™ Single Row, Female, Version C Receptacle, 8 Circuits

Documents:	
3D Model	Product Specification PS-70430 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification	
CSA	LR19880
UL	E29179
General	
Product Family	FFC/FPC Connectors
Series	70430
Overview	cgrid_sl_products
Product Name	SL™
Physical	
Circuits (Loaded)	8
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	
Old Part Number	70430-0042
Reference - Drawing Numbers	
Product Specification	PS-70430
Sales Drawing	SDA-70430-0036-0059

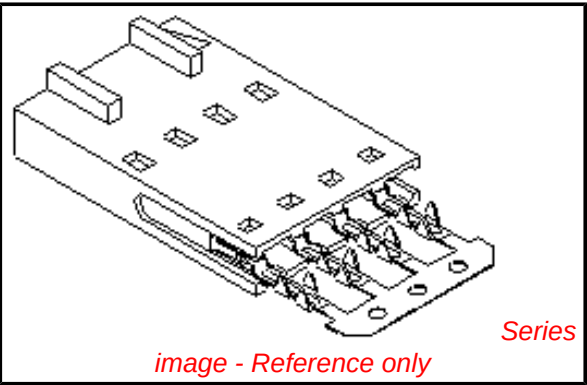


image - Reference only

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

70544, 70546 straight and 70554, 70556 right angle polarized 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.

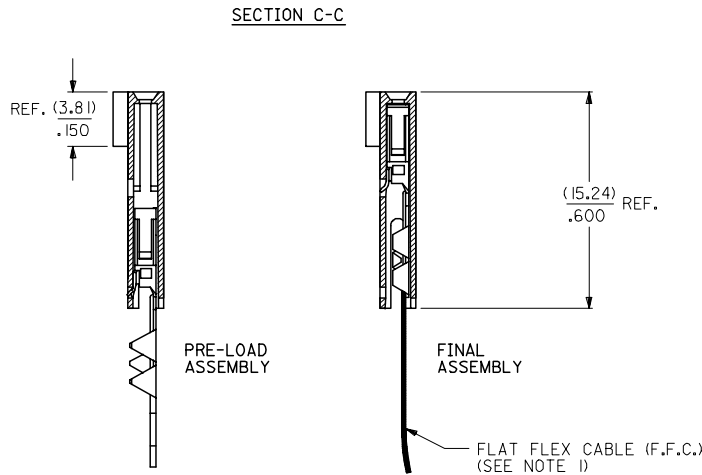
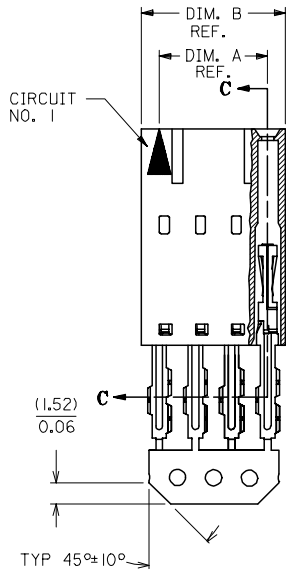
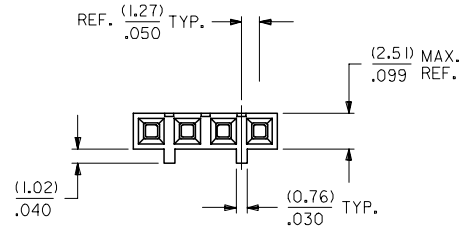
Global

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

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"C" - OPTION



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

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.

CKT. SIZE	EDP. NO.	ENG. NO.	A	B
2	015-38-8027	70430-0036	(2.54) .100	(5.05) .199
3	015-38-8037	70430-0037	(5.08) .200	(7.59) .299
4	015-38-8047	70430-0038	(7.62) .300	(10.13) .399
5	015-38-8057	70430-0039	(10.16) .400	(12.67) .499
6	015-38-8067	70430-0040	(12.70) .500	(15.21) .599
7	015-38-8077	70430-0041	(15.24) .600	(17.75) .699
8	015-38-8087	70430-0042	(17.78) .700	(20.29) .799
9	015-38-8097	70430-0043	(20.32) .800	(22.83) .899
10	015-38-8107	70430-0044	(22.86) .900	(25.37) .999
11	015-38-8117	70430-0045	(25.40) 1.000	(27.91) 1.099
12	015-38-8127	70430-0046	(27.94) 1.100	(30.45) 1.199
13	015-38-8137	70430-0047	(30.48) 1.200	(32.99) 1.299
14	015-38-8147	70430-0048	(33.02) 1.300	(35.53) 1.399
15	015-38-8157	70430-0049	(35.56) 1.400	(38.07) 1.499
16	015-38-8167	70430-0050	(38.10) 1.500	(40.61) 1.599
17	015-38-8177	70430-0051	(40.64) 1.600	(43.15) 1.699
18	015-38-8187	70430-0052	(43.18) 1.700	(45.69) 1.799
19	015-38-8197	70430-0053	(45.72) 1.800	(48.23) 1.899
20	015-38-8207	70430-0054	(48.26) 1.900	(50.77) 1.999
21	015-38-8217	70430-0055	(50.80) 2.000	(53.31) 2.099
22	015-38-8227	70430-0056	(53.34) 2.100	(55.85) 2.199
23	015-38-8237	70430-0057	(55.88) 2.200	(58.39) 2.299
24	015-38-8247	70430-0058	(58.42) 2.300	(60.93) 2.399
25	015-38-8257	70430-0059	(60.96) 2.400	(63.47) 2.499

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

ADD TOLERANCES EC NO: UCP2007-2849 DRAWN: JORGAN 2007/05/18 CHKD: MS BARRA 2007/05/21 APPR: SMILLER 2007/05/21	DESCRIPTION	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				
			4 PLACES	±.005	±.005	CHECKED BY	DATE					
			3 PLACES	±.010	±.010	WAZ	1986/07/21					
			2 PLACES	±0.25	±.015	APPROVED BY	DATE	MOLEX INCORPORATED				
			1 PLACE	±0.38	±.038	MJM	1986/07/21	DOCUMENT NO.				
			ANGULAR ±1/2°			MATERIAL NO.		SHEET NO.				
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE TABLE		SDA-70430-0036-0059				
						SIZE		1 OF 1				
						THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						