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Part Number: [0015474055](#)
Status: **Active**
Overview: [cgrid_sl_products](#)
Description: 2.54mm (.100") C-Grid SL™ Single Row, Female, Version C Receptacle, 5 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) 5
 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) 30
 Plating min: Mating (µm) 0.75
 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-70430-0386-0409](#)

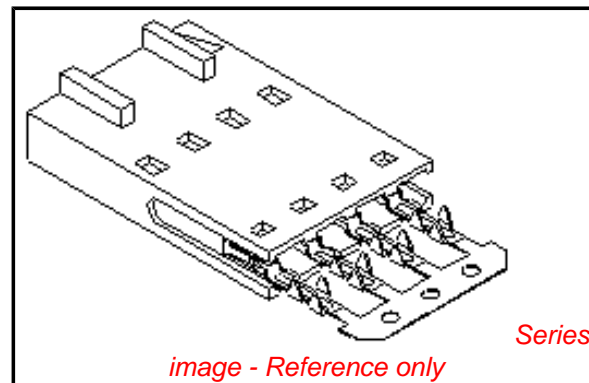


image - Reference only

EU RoHS

**ELV and RoHS
 Compliant**
**REACH SVHC
 Not Reviewed**
**Halogen-Free
 Status**

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.*

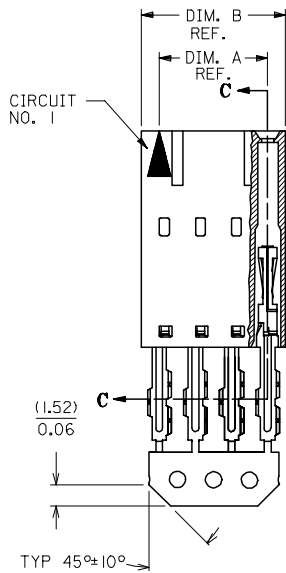
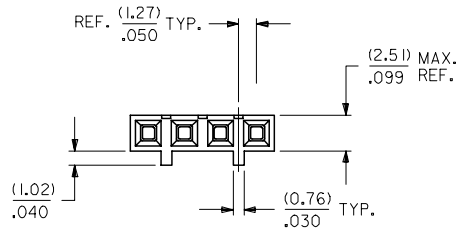
Global

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

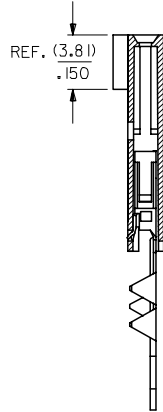
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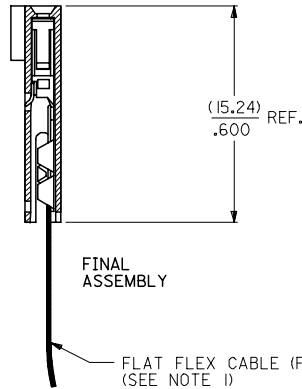
"C" - OPTION



SECTION C-C



PRE-LOAD ASSEMBLY



FINAL ASSEMBLY

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.

HOUSING MATERIAL: GLASS FILLED POLYESTER, UL 94V-0.
 TERMINAL MATERIAL: PHOSPHOR BRONZE.
 PLATING: 30 GOLD - .000030 MINIMUM GOLD PLATE IN SELECT AREA,
 .000075 MINIMUM TIN PLATE IN SELECT AREA,
 .000050 MINIMUM NICKEL PLATE OVER-ALL.

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

CKT. SIZE	EDP. NO.	ENG. NO.	A	B
2	015-47-4025	70430-0386	(2.54) .100	(5.05) .199
3	015-47-4035	70430-0387	(5.08) .200	(7.59) .299
4	015-47-4045	70430-0388	(7.62) .300	(10.13) .399
5	015-47-4055	70430-0389	(10.16) .400	(12.67) .499
6	015-47-4065	70430-0390	(12.70) .500	(15.21) .599
7	015-47-4075	70430-0391	(15.24) .600	(17.75) .699
8	015-47-4085	70430-0392	(17.78) .700	(20.29) .799
9	015-47-4095	70430-0393	(20.32) .800	(22.83) .899
10	015-47-4105	70430-0394	(22.86) .900	(25.37) .999
11	015-47-4115	70430-0395	(25.40) 1.000	(27.91) 1.099
12	015-47-4125	70430-0396	(27.94) 1.100	(30.45) 1.199
13	015-47-4135	70430-0397	(30.48) 1.200	(32.99) 1.299
14	015-47-4145	70430-0398	(33.02) 1.300	(35.53) 1.399
15	015-47-4155	70430-0399	(35.56) 1.400	(38.07) 1.499
16	015-47-4165	70430-0400	(38.10) 1.500	(40.61) 1.599
17	015-47-4175	70430-0401	(40.64) 1.600	(43.15) 1.699
18	015-47-4185	70430-0402	(43.18) 1.700	(45.69) 1.799
19	015-47-4195	70430-0403	(45.72) 1.800	(48.23) 1.899
20	015-47-4205	70430-0404	(48.26) 1.900	(50.77) 1.999
21	015-47-4215	70430-0405	(50.80) 2.000	(53.31) 2.099
22	015-47-4225	70430-0406	(53.34) 2.100	(55.85) 2.199
23	015-47-4235	70430-0407	(55.88) 2.200	(58.39) 2.299
24	015-47-4245	70430-0408	(58.42) 2.300	(60.93) 2.399
25	015-47-4255	70430-0409	(60.96) 2.400	(63.47) 2.499

ADD TOLERANCE FC NO: UCP2007-2849 DRAWN: JORGAN 2007/05/18 CHKD: MS BARRA 2007/05/21 APPR: SMILLER 2007/05/21 REV:	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± .015 1 PLACE ± 0.38 ± --- ANGULAR ±1/2°	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	=0 ∇=0		MM/IN	4:1	INCH	☉ □	
	DRAWN BY: RAS CHECKED BY: MJM APPROVED BY: WAZ		DATE: 1986/07/21	DATE: 1986/07/21	DATE: 1986/07/21	TITLE	ASSEMBLY, CONNECTOR FFC FEMALE SINGLE ROW (2.54)/.100 GRID
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	MATERIAL NO. SDA-70430-0386-0409	DOCUMENT NO. MOLEX INCORPORATED	SHEET NO. 1 OF 1	