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Part Number: [0358571819](#)
Status: **Active**
Overview:
Description: 1.00mm (.039") Pitch FFC Connector, Vertical, Non-ZIF, 18 Circuits, 3.20mm (.126") Kinked PC Tail, Tube Packaging

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	FFC/FPC Connectors
Series	35857
Overview	ffc_fpc_throughhole
Product Name	N/A

Physical

Circuits (Loaded)	18
Color - Resin	Black
Contact Position	N/A
Durability (mating cycles max)	10
Entry Angle	Vertical
Flammability	94V-0
Mated Height (in)	0.205 In
Mated Height (mm)	5.20 mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Number of Rows	1
Orientation	Vertical
PC Tail Length (in)	0.126 In
PC Tail Length (mm)	3.20 mm
PCB Locator	No
PCB Retention	Yes
Packaging Type	Tube
Pitch - Mating Interface (in)	0.039 In
Pitch - Mating Interface (mm)	1.00 mm
Plating min: Mating (µin)	32.00
Plating min: Mating (µm)	0.800
Plating min: Termination (µin)	32.00
Plating min: Termination (µm)	0.80
Polarized to PCB	No
Stackable	No
Temperature Range - Operating	-20°C to +80°C
Termination Interface: Style	Through Hole
Wire/Cable Type	FFC/FPC

Electrical

Current - Maximum per Contact	0.5A
Voltage - Maximum	50V

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-35857-001
Product Specification	PS-35857-001

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

China RoHS



Need more information on product environmental compliance?

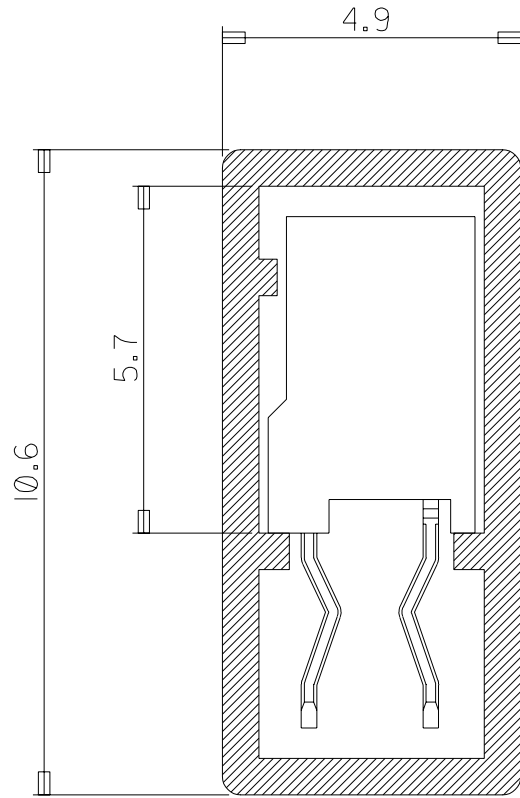
Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
[35857Series](#)

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NOTE

1. ENG NO.

HSG ASS'Y	PACKING	SHAPE	
		TAIL	KINK
35857-***11	35857-***19	3.2	0
35857-***21	35857-***29	3.2	X
35857-***31	35857-***39	2.8	0
35857-***41	35857-***49	2.8	X

2. MATERIAL : PVC

3. TUBE LENGTH : 550mm

NEW RELEASED
 KOR2003-0277
 HSSHIN 20030630
 J.K.OH
 C.W.LEE

8-1 X

H.S.SHIN 99.2.26

J.K.OH 99.2.26

C.W.LEE 99.2.26

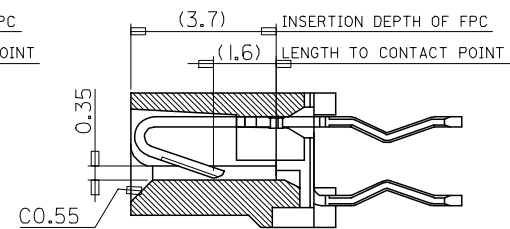
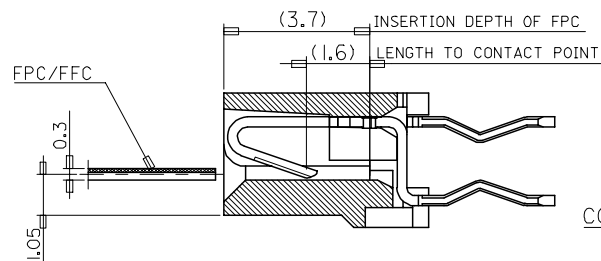
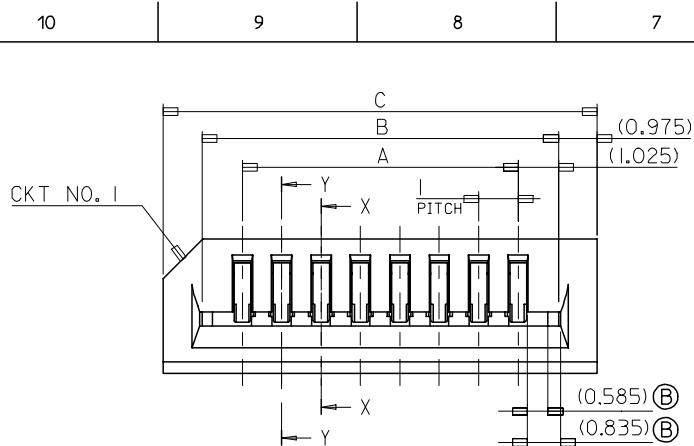
3

1

15	30	40	10
16	29	43	9
	28	47	8
17	27	52	7
	26	57	6
18	25	65	5
19	24	74	4
	23	85	3
Q'TY	CKT	Q'TY	CKT

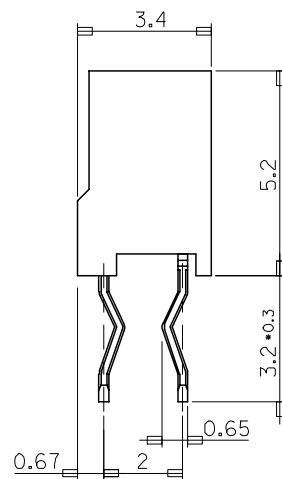
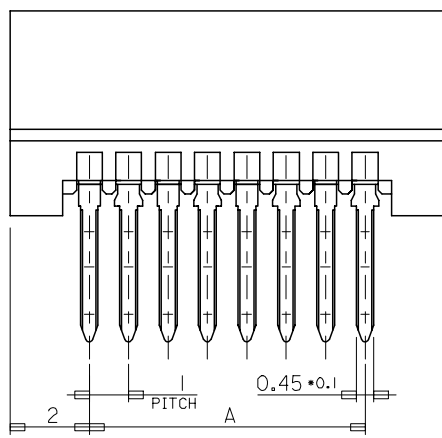
X

TUBE PACKING
 FOR 35857 SERIES



SECTION X-X
(ODD CKT)

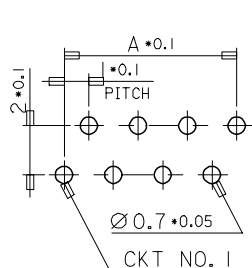
SECTION Y-Y
(EVEN CKT)



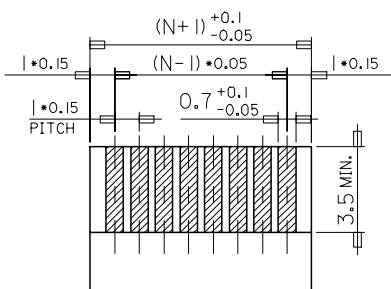
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32	30.05	28	-2911	29
31	29.05	27	-2811	28
30	28.05	26	-2711	27
29	27.05	25	-2611	26
28	26.05	24	-2511	25
27	25.05	23	-2411	24
26	24.05	22	-2311	23
25	23.05	21	-2211	22
24	22.05	20	-2111	21
23	21.05	19	-2011	20
22	20.05	18	-1911	19
21	19.05	17	-1811	18
20	18.05	16	-1711	17
19	17.05	15	-1611	16
18	16.05	14	-1511	15
17	15.05	13	-1411	14
16	14.05	12	-1311	13
15	13.05	11	-1211	12
14	12.05	10	-1111	11
13	11.05	9	-1011	10
12	10.05	8	-0911	9
11	9.05	7	-0811	8
10	8.05	6	-0711	7
9	7.05	5	-0611	6
8	6.05	4	-0511	5
7	5.05	3	-0411	4
6	4.05	2	35857-0311	3
C	B	A	ENG NO.	CKT NO.

NOTES

- I. MATERIAL
 HOUSING : NYLON66 (UL 94V-0)
 (COLOR:BLACK)
 TERMINAL : PHOSPHOR BRONZE
 TIN-PLATED



P.C. BOARD LAYOUT
(MOUNTING SIDE)
(THK. : 1.6t)



APPLICABLE FPC
(THK. : 0.3 * 0.03)

REVISED EC NO: KOR2008-0049 DRWN:HJEONG 2007/09/12 CHKD:YOOKIM 2007/09/12 APPR:YUNSIKIM 2007/09/18	QUALITY SYMBOLS ▽=0 △=0	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	SCALE 8:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± 0.2 ± --- ANGULAR ± 1 °	DRAWN BY HSSHIN DATE 1999/02/26 CHECKED BY JKOH DATE 1999/02/26 APPROVED BY CWLEE DATE 1999/02/26	TITLE 1.0 PITCH FFC/FPC CONN. NON-ZIF(DIP) HSG ASS'Y	MATERIAL NO. DRAWN BY HSSHIN DATE 1999/02/26	DOCUMENT NO. SD-35857-**11
D	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE A3	MOLEX INCORPORATED THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		