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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

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

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

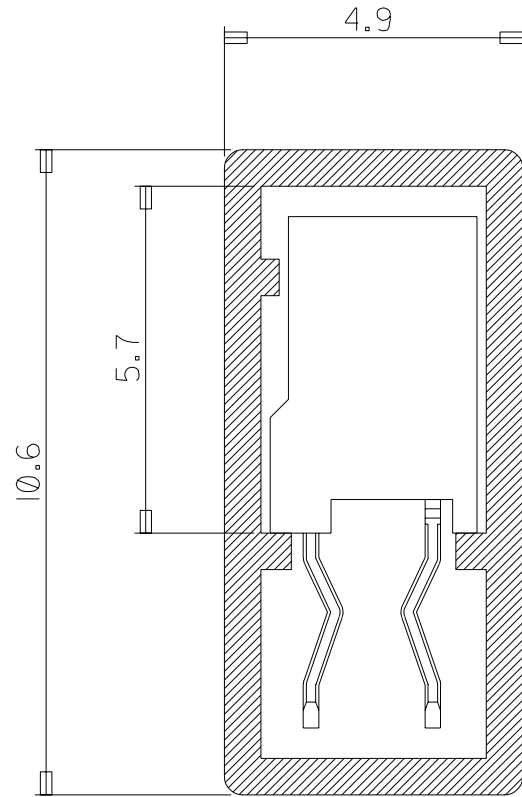
Material Info

Reference - Drawing Numbers

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

This document was generated on 06/04/2010

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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

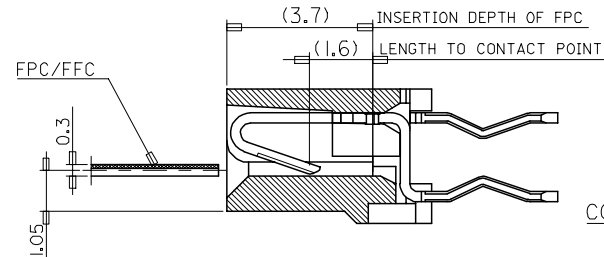
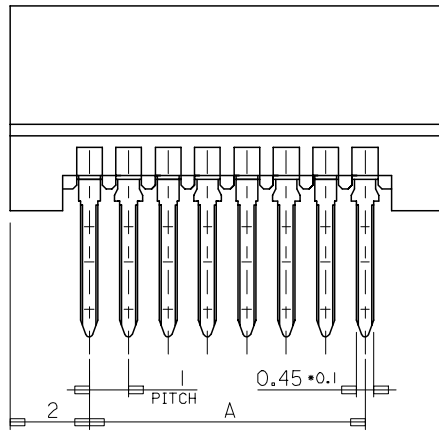
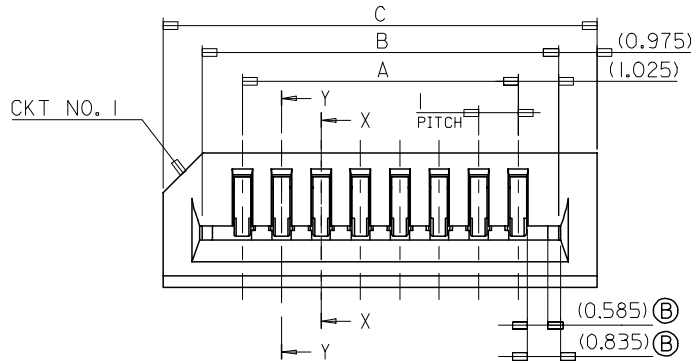
C.W.LEE 99.2.26

15	30
16	29
	28
17	27
	26
18	25
19	24
	23
Q'TY	CKT

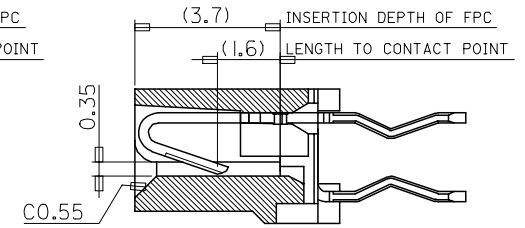
X

TUBE PACKING
FOR 35857 SERIES

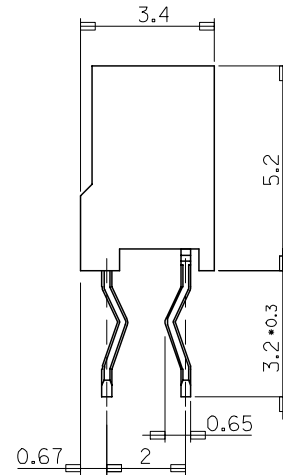
20	22
21	21
	20
22	19
24	18
25	17
27	16
28	15
30	14
32	13
34	12
37	11
40	10
43	9
47	8
52	7
57	6
65	5
74	4
85	3
Q'TY	CKT



SECTION X-X
(ODD CKT)



SECTION Y-Y
(EVEN CKT)



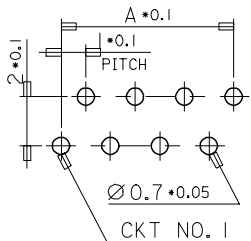
NOTES

I. MATERIAL

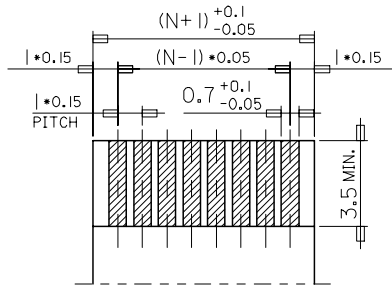
HOUSING : NYLON66 (UL 94V-0)
(COLOR:BLACK)

TERMINAL : PHOSPHOR BRONZE
TIN-PLATED

33	31.05	29	35857-3011	30
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.



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



APPLICABLE FPC
(THK. : 0.3 * 0.03)

REVISED
EC NO: KOR2008-0049
DRWN: JEONG 2007/09/12
CHKD: YOOKIM 2007/09/12
APPR: YUNSIKKIM 2007/09/18

QUALITY SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)	
mm	INCH
4 PLACES ± ---	± ---
3 PLACES ± ---	± ---
2 PLACES ± ---	± ---
1 PLACE ± 0.2	± ---
ANGULAR ± 1 °	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

DIMENSION STYLE MM ONLY	
DRAWN BY	DATE
HSSHIN	1999/02/26
CHECKED BY	DATE
JKOH	1999/02/26
APPROVED BY	DATE
CWLEE	1999/02/26
MATERIAL NO.	
SIZE	SEE TABLE
A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SCALE 8:1	DESIGN UNITS METRIC		THIRD ANGLE PROJECTION
TITLE			
1.0 PITCH FFC/FPC CONN. NON-ZIF(DIP) HSG ASS'Y			
MOLEX MOLEX INCORPORATED			
DOCUMENT NO.			SHEET NO.
SD-35857-**11			1 OF 1