

Applicable FPC/FFC
recommended dimension

MATERIAL

HOUSING: PA46, UL94V-0, COLOR: NATURAL.
COVER: PA9T, UL94V-0, Color : Black.
CONTACT: PHOSPHOR BRONZE.
PLATING: ALL TIN, LEAD FREE, OR ALL GOLD.
HOLDDOWN: BRASS. PLATING: ALL TIN, LEAD FREE, OR ALL GOLD.

ELECTRICAL

VOLTAGE: 50V MAX.
CURRENT: 0.4A MAX.
DIELECTRIC WITHSTANDING VOLTAGE: 250 VAC.
INSULATION RESISTANCE: 50 MEGAOHMS MIN.
CONTACT RESISTANCE: 20 MILLIOHMS MAX.

ENVIRONMENTAL

TEMPERATURE RANGE: -20°C TO 85°C.

FEATURE AND SPECIFICATIONS

SIZES 04 TO 50 PIN.
FOR 0.3mm THICKNESS FFC/FPC.

PART NO.

FC 1 2 4 - XX X 4
A B C D E F G

A FC : FPC ZIF SMT TYPE COVER SERIES

B 1 : 0.5 mm PITCH

C 2 : BODY HIGH 2.0 mm

D 4 : SIDE ENTRY, LOWER CONTACT

E XX : NO. OF CONTACTS 04 - 50 PIN

F X : PLATING

M : TERMINAL AND HOLDDOWN ALL TIN, LEAD FREE (MATTED)

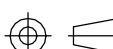
G : TERMINAL AND HOLDDOWN ALL GOLD 1u"

GM : TERMINAL ALL GOLD 1u", HOLDDOWN ALL TIN, LEAD FREE (MATTED)

G 4 : REEL PACKAGING

Connector outline

Recommended PCB layout
component side

				TOLERANCE						TITLE: FFC/FPC 0.5 PITCH CONNECTOR, ZIF SMT TYPE, BODY HIGH 2.0 mm.			
				LINEAR	ANGLES					PART NO. FC124-XXX4			
				X±0.40	X'±1°					DWG NO. FC1207001			
B	07083	Terry	Dec,13,2007	.X±0.30	.X'±0.5°	APPD:	Jason	MAT'L:		UNITS	SCALE	SHEET	REV
A	07060	Willson	Sep,12,2007	.XX±0.20	.XX'±0.25°	CHKD:	Schumi	FINISH:		MM	1 : 1	1 OF 2	B
REV	ECN NO.	NAME	DATE	.XXX±0.10	.XXX'±0.10°	DRWN:	Terry	Q'TY:					

Pin	Part Number	Dimension					Pin	Part Number	Dimension				
		A	B	C	D	E			A	B	C	D	E
* 4	FC124-04X4	1.50	2.60	5.40	7.30	4.70	* 28	FC124-28X4	13.50	14.60	17.40	19.30	16.70
5	FC124-05X4	2.00	3.10	5.90	7.80	5.20	29	FC124-29X4	14.00	15.10	17.90	19.80	17.20
* 6	FC124-06X4	2.50	3.60	6.40	8.30	5.70	* 30	FC124-30X4	14.50	15.60	18.40	20.30	17.70
7	FC124-07X4	3.00	4.10	6.90	8.80	6.20	31	FC124-31X4	15.00	16.10	18.90	20.80	18.20
* 8	FC124-08X4	3.50	4.60	7.40	9.30	6.70	* 32	FC124-32X4	15.50	16.60	19.40	21.30	18.70
* 9	FC124-09X4	4.00	5.10	7.90	9.80	7.20	* 33	FC124-33X4	16.00	17.10	19.90	21.80	19.20
* 10	FC124-10X4	4.50	5.60	8.40	10.30	7.70	* 34	FC124-34X4	16.50	17.60	20.40	22.30	19.70
11	FC124-11X4	5.00	6.10	8.90	10.80	8.20	* 35	FC124-35X4	17.00	18.10	20.90	22.80	20.20
* 12	FC124-12X4	5.50	6.60	9.40	11.30	8.70	* 36	FC124-36X4	17.50	18.60	21.40	23.30	20.70
13	FC124-13X4	6.00	7.10	9.90	11.80	9.20	37	FC124-37X4	18.00	19.10	21.90	23.80	21.20
* 14	FC124-14X4	6.50	7.60	10.40	12.30	9.70	38	FC124-38X4	18.50	19.60	22.40	24.30	21.70
* 15	FC124-15X4	7.00	8.10	10.90	12.80	10.20	39	FC124-39X4	19.00	20.10	22.90	24.80	22.20
16	FC124-16X4	7.50	8.60	11.40	12.30	10.70	* 40	FC124-40X4	19.50	20.60	23.40	25.30	22.70
* 17	FC124-17X4	8.00	9.10	11.90	13.80	11.20	41	FC124-41X4	20.00	21.10	23.90	25.80	23.20
* 18	FC124-18X4	8.50	9.60	12.40	14.30	11.70	42	FC124-42X4	20.50	21.60	24.40	26.30	23.70
* 19	FC124-19X4	9.00	10.10	12.90	14.80	12.20	43	FC124-43X4	21.00	22.10	24.90	26.80	24.20
* 20	FC124-20X4	9.50	10.60	13.40	15.30	12.70	44	FC124-44X4	21.50	22.60	25.40	27.30	24.70
* 21	FC124-21X4	10.00	11.10	13.90	15.80	13.20	* 45	FC124-45X4	22.00	23.10	25.90	27.80	25.20
22	FC124-22X4	10.50	11.60	14.40	16.30	13.70	46	FC124-46X4	22.50	23.60	26.40	28.30	25.70
23	FC124-23X4	11.00	12.10	14.90	16.80	14.20	47	FC124-47X4	23.00	24.10	26.90	28.80	26.20
* 24	FC124-24X4	11.50	12.60	15.40	17.30	14.70	48	FC124-48X4	23.50	24.60	27.40	29.30	26.70
* 25	FC124-25X4	12.00	13.10	15.90	17.80	15.20	49	FC124-49X4	24.00	25.10	27.90	29.80	27.20
* 26	FC124-26X4	12.50	13.60	16.40	18.30	15.70	* 50	FC124-50X4	24.50	25.60	28.40	30.30	27.70
27	FC124-27X4	13.00	14.10	16.90	18.80	16.20							

註：“*”表示已開模規格

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										MM	1 : 1	2 OF 2	B