

## 5/6-Pin CPs FC Series (2)

The Sanyo 5/6-pin chip packs are small-sized packages that facilitate higher-density mounting. We have various Packings that meet automatic mounting requirements.

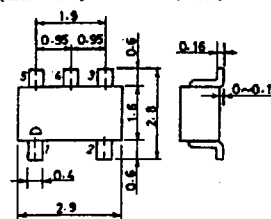
### FETs for LF Amp General-purpose Amp, Differential Amp Applications

\*Composite version that is fabricated with the FBET process technology and contains two FETs in the CP heretofore in use, facilitating higher-density mounting

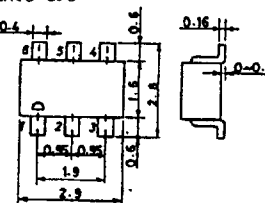
Marking: Numeral for Type No.

Type No	Pack- age	Absolute Maximum Ratings/Ta=25°C				Electrical Characteristics/Ta=25°C							Chips Used
		(FET)VDSX (TR)VCBO	VGDS VCEO	IG IC	PD PC	VDS VCE/IC	IDSS hFE	yfs  IC/IB:VCE(sat)	Ciss typ	Crss typ			
		(V)	(V)	(mA)	lunit (mW)						(V)	min	
FC12	CP5	15	15	10	200	5	6	~ 20	25	50	10	3	K932X1 C4639X1
		55	50	150	200	6V/1mA	135	~ 400	50mA/5mA:0.08V				
FC18		15	15	10	200	5	6	~ 32	20	38	10	2.9	K2394X1 C4639X1
		55	50	150	200	6V/1mA	135	~ 400	50mA/5mA:0.08V				
FC19	CP5	15	-15	10	200	5	6	~ 32	20	38	10	2.9	K2394X2
FC21		40	-40	10	400	10	40	~ 75	22	30	11	2.5	K1740X1 C2812X1
	CP5	55	50	150	200	6V/1mA	135	~ 600	50mA/5mA:0.1V				
FC13		CP6	30	30	10	200	10	1.2	~ 6	3	5	5	0.9

Case Outline(unit:mm) SANYO:CP5

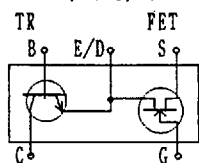


SANYO:CP6

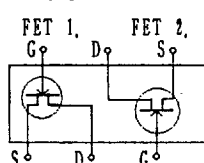


Electrical Connection (Top View)

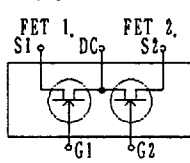
FC12, FC18, FC21



FC13



FC19



C:Collector  
G:Gate  
S:Source  
B:Base  
D:Drain  
E/D:Emitter/Drain  
D/C:Drain Common

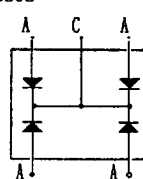
### Diodes for High-speed Switching Applications

\*Composite version with four diodes in the CP heretofore in use, facilitating higher-density mounting

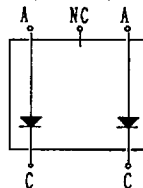
Marking: Numeral for Type No.

Type No	Pack- age	Absolute Maximum Ratings/Ta=25°C			Electrical Characteristics/Ta=25°C							Chips Used
		V <sub>RRM</sub> (V)	I <sub>O</sub> (mA)	I <sub>FSM</sub> (A)	I <sub>F</sub> (mA)	V <sub>F</sub> max (V)	V <sub>R</sub> (V)	I <sub>R</sub> max (μA)	I <sub>F</sub> (mA)	t <sub>rr</sub> max (nS)		
FC803	CP6	30	70	2	70	0.55	15	5	10	10	SB007W03CX2	
FC804	CP5	30	200	2	200	0.55	15	15	10	10	SB02-03CX2	
FC805		30	500	5	500	0.55	15	30	100	10	SB05-03CX2	
FC806		50	100	2	100	0.55	25	15	10	10	SB01-05CPX2	
FC808		VR 80	100	2	10	1.0	50	0.1	10	5	-	
FC809		30	70	2	70	0.55	15	5	10	10	SB007-03CPX2	
FC810		15	700	5	700	0.55	7.5	20	100	10	SB07-015CX2	
1SV241 1SV265		VR	IF 50 50	P 150mW 150mW	50 50	typ 0.95 0.91	50 50	10 10	- -	- -	- -	1SV233X2 1SV263X2

FC808

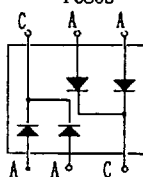


FC804, FC805, FC806, FC809, FC810, 1SV241, 1SV265.



A:Anode  
C:Cathode

FC803



These specifications are subject to change without notice.