

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.

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

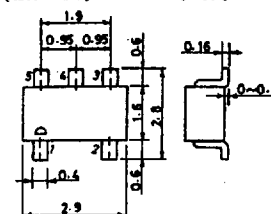
*Composite version that is fabricated with the FBET process technology and contains two FETs in the CP heretofore in use, facilitating higher-density mounting

Marking: Numeral for Type No.

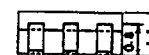
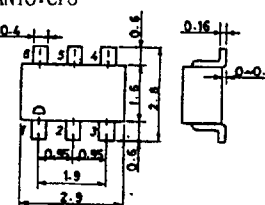
Type No	Pack- age	Absolute Maximum Ratings/Ta=25°C				Electrical Characteristics/Ta=25°C								Chips	
		(FET)VDSX (TR)VCBO	VGDS VCEO	IG IC	PD PC	VDS VCE/IC		IDSS hFE		yfs IC/IB:VCE(sat)		Ciss (typ)		Used	
		(V)	(V)	(mA)	lunit (mW)										
						(V)		min	max	min	typ	typ	typ		
FC12	CP5	15 55	15 50	10 150	200 200	5 6V/1mA	6 135	~	20 400	25 50mA/5mA	50 0.08V	10	3	K932X1	C4639X1
FC18		15 55	15 50	10 150	200 200	5 6V/1mA	6 135	~	32 400	20 50mA/5mA	38 0.08V	10	2.9	K2394X1	C4639X1
FC19		15	-15	10	200	5	6	~	32	20	38	10	2.9	K2394X2	
FC21		40 55	-40 50	10 150	400 200	10 6V/1mA	40 135	~	75 600	22 50mA/5mA	30 0.1V	11	2.5	K1740X1	C2812X1
FC13	CP6	30	30	10	200	10	1.2	~	6	3	5	5	0.9	K303X2	

Case Outline(unit:mm)

SANYO:CP5



SANYO:CP6



C:Collector

 $C \vdash C$

\$;Source

R: Base

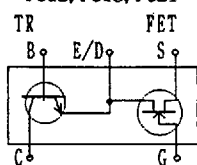
D: Drain

E/D:Emitter/Drain

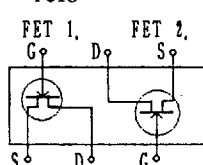
D/C: Drain Common

Electrical Connection (Top View)

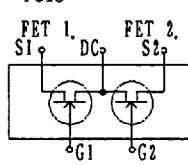
FC12, FC18, FC21



FC13



FC19



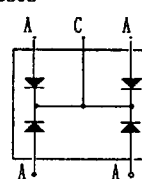
Diodes for High-speed Switching Applications

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

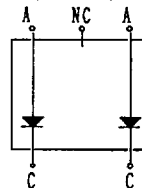
Marking: Numeral for Type No.

Type No	Pack- age	Absolute Maximum Ratings/Ta=25°C			Electrical Characteristics/Ta=25°C						Chips Used
		V _{RRM} (V)	I _O (mA)	I _{FSM} (A)	I _F (mA)	V _F max (V)	V _R (V)	I _R max (μA)	I _F (mA)	t _{rr} 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 50 50	IF 50 50	P 150mW 150mW	50 50	typ 0.95 0.91	50 50	10 10	- -	- -	1SV233X2 1SV263X2

FC808

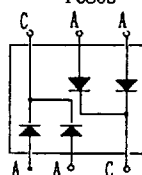


FC804, FC805, FC806, FC809,
FC810, 1SV241, 1SV265.



A: Anode
C: Cathode

FC803



These specifications are subject to change without notice.