

Micro Commercial Components



Micro Commercial Components 20736 Marilla Street Chatsworth CA 91311 Phone: (818) 701-4933 Fax: (818) 701-4939

Features

- Low Current Leakage
- For Surface Mount Applications
- Lead Free Finish/RoHS Compliant ("P" Suffix designates RoHS Compliant. See ordering information)
- Epoxy meets UL 94 V-0 flammability rating
- Moisture Sensitivity Level 1

Maximum Ratings

- Operating Temperature: -55℃ to +150℃
- Storage Temperature: -55°C to +150°C

Electrical Characteristics @ 25°C Unless Otherwise Specified

Reverse Voltage	V _R	30V	
Average Rectified	l _o	100mA	
Current			
Power Dissipation	P _{TOT}	350mW	
Maximum			
Instantaneous	V _F	0.33V	I _{FM} = 2mA;
Forward Voltage		0.45V	I _{FM} = 15mA;
		1.0V	I _{FM} = 100mA;
Maximum DC			V _R =25Volts
Reverse Current At	I _R	500nA	T _J = 25℃
Rated DC Blocking		100μA	T,₁ = 100°C
Voltage			
Typical Junction	CJ	4pF	Measured at
Capacitance		-	1.0MHz, V _R =0V
Reverse Recovery	T _{rr}	4nS	I _F = I _R =10mA
Time			I _{RR} =1.0mA
			$R_L = 100\Omega$

*Pulse test: Pulse width 300 $\mu sec,$ Duty cycle 2%

SOT-23 D DIMENSIONS INCHES ММ NOTE DIM MIN MAX MIN MAX А .110 .120 2.80 3.04 .098 .083 2.10 2.64 .047 .05 1.40 .89 1.78 1.03 .035 .041 D .070 .081 2.05 .018 .024 .45 .60 .013 .0005 .0039 .100 G н .035 .044 .89 1.12 .085 .007 .180 .003 .020 Suggested Solder Pad Layout .031 .800 .079 2.000 inches mm .037 950

<u>.037</u> .950

CMPSH-3/3A/3C/3S

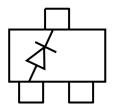
350mW 30Volt

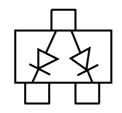
Switching Diode

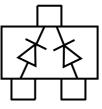
www.mccsemi.com

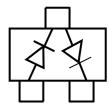
CMPSH-3/3A/3C/3S











CMPSH-3 Marking: D95

CMPSH-3A Marking: DB1

CMPSH-3C Marking: DB2

CMPSH-3S Mar

Marking: DA5

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Ordering Information :

Device	Packing	
Part Number-TP	Tape&Reel: 3Kpcs/Reel	

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