

**LEVER TYPE :**

MODEL	EC3001N														
LEVER TYPE	CH2					C2					D1				
DIMENSIONS															
LENGTH (L)	X	1	2	3	4	5	X	A	B	C	D	X	6	7	8
	L	10	15	17	20	25	L	10	15	20	25	L	20	25	30
	F	7	10	10	10	10	F	7	10	10	10	F	10	10	10
	M	6	7	7	7	7	M					M			

Terminal Style: →

P.C.B. TYPE					Solder Lug TYPE				
A					B				
Z	1	2			Z	1			
H	7.0	8.5			H	7.5			

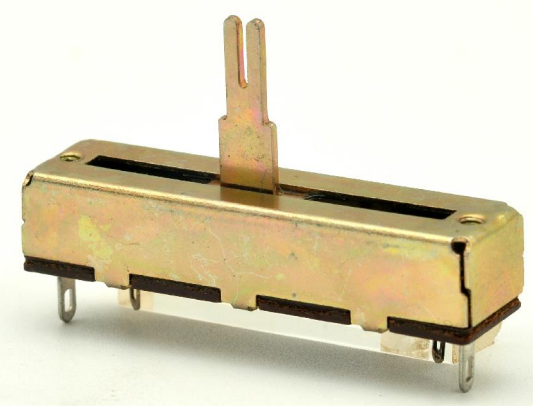
PART NAME:- EC3001N1□□1-  
XY

PREPARED BY  
*MAHESH*

REVIEWED BY  
*A.S. BISHI*

TOLERANCE  
UP TO 10            ±0.3  
OVER 10 TO 100   ±0.5  
OVER 100            +1

DATE  
*02.08.11*  
UNIT    SCALE  
MM     N.T.S.



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## STANDARD SLIDE POTENTIOMETERS (30MM)

### Electrical characteristics:

Total resistance		500Ω-1MΩ					
Total resistance tolerance		± 20% (more than 1MΩ ± 30%)					
Rated Power (W)		Taper	Travel	30MM			
		B	Single	0.25			
			Dual	0.125			
		Except B	Single	0.125			
Dual	0.06						
Max. operating voltage (AC V)		B		350			
		Except B		250			
Residual resistance	Total resistance	<10KΩ	50KΩ	100KΩ	200KΩ	500KΩ	1MΩ
	Between terminals 1-2	10Ω	10Ω	10Ω	20Ω	20Ω	20Ω
	Between terminals 2-3	10Ω	10Ω	20Ω	20Ω	50Ω	50Ω
Resistance taper		A,B,C,D					
Insulation resistance		50MΩ min. at 250V DC.					
Withstand voltage		for 1 minute or more at AC 250V					
Gang error		-40 ~ 0 dB ≤ ± 3dB					
Slide noise		less than 100 mV					

### Mechanical Characteristics:

Operating force	0.2 ~ 2mN.m (20 ~ 200gf.cm)
Stopper strength	20N (2kgf) (measuring point = 5mm)
Push pull strength	30N (3kgf)
Lever deviation	0.5 max. (one side)
Click slip-out force	0.3 ~ 2.5mN.m (30 ~ 250gf.cm) (only center click)

### Durability:

Slide life	15,000 cycles
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