mail

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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www.breedelectronics.com



57140 Actuator	Features		Benefits	Applica	tions	
59140 Sensor	Proximity Se • Compact size 3.2cm ² board • Case design a	nsor e requires only space allows screw esive mounting Flying leads	No standby power requirement Operates through non-ferro materials such as wood,pla or aluminium Hermetically sealed, magnetically operated conta continue to operate long af optical and other technolog fail due to contamination Simple installation and adjustment	Positior Security ous Linear a stic Door sv acts ter	n and limit sensing v system switch actuators	
DIMENSIONS						
(.43 11,0 (.126x.150 L 3.20x3.81 SLOT (2)		(.236) 5,99 (.551) 14,00 ↓ (.118) 3,00	(.906) 23,01 (.433) 11,00 (.126x,150,LG) 3,20x3,81 SLOT (2) (.551) 14,00	(12.00) REF. 304.80 (.250) 6,35 REF.+	(.296) 7,52 • (.55 14,0	(.236) 5,99 1) 0
Recommended	Activating Positions:					
	ors (Note 2)	Actuator		Sens	or	
Sors and Matching Actuat Must	Must	Actuator		Sens	or	
0 0 0 JU sors and Matching Actuat Must Actuate	Must Release		59140.010			58140.040
o du Lu sors and Matching Actuat Must	Must	Actuator 57140-000	59140-010	Sens 59140-020	or 59140-030	59140-040
0 0 0 sors and Matching Actuat Must Actuate .175 (4,44)	Must Release .800 (20,32)			59140-020	59140-030	
0 0 0 sors and Matching Actuat Must Actuate .175 (4,44)	Must Release .800 (20,32)		59140-010			59140-040 Form B 957-NC
0 0 0 sors and Matching Actuat Must Actuate .175 (4,44) trical Specifications and C	Must Release .800 (20,32)		Form A,	59140-020 Form A	59140-030 Form C	Form B
0 0 cors and Matching Actuat Must Actuate .175 (4,44) trical Specifications and C tact Type	Must Release .800 (20,32)		Form A, 955T-NO	59140-020 Form A SPST-NO	59140-030 F orm C SPDT-CO	Form B SPST-NC
Image: Constraint of the second se	Must Release .800 (20,32)	57140-000	Form A, SST-NO Standar d	59140-020 Form A SPST-NO High Volta ge	59140-030 Form C SPDT-CO Standar d	Form B SPST-NC Standar d
Image: Constraint of the second se	Must Release .800 (20,32)	57140-000 Watt - max.	Form A, SYST-NO Standar d	59140-020 Form A srst-NO High Volta ge 10	59140-030 Form C SPDT-CO Standar d 5	Form B SPST-NC Standar d 5
Correct Type tact Rating	Must Release .800 (20,32) Derating Characteristics Switching	57140-000 Watt - max. Vdc - max.	Form A, SFST-NO Standar d 10 200	59140-020 Form A SPST-NO High Volta ge 10 300	59140-030 Form C SPDT-CO Standar d 5 175	Form B SPST-NC Standar d 5 175
O O O O O O O O O O O O O O O O O O O	Must Release .800 (20,32) Operating Characteristics Switching Breakdown	57140-000 Watt - max. Vdc - max. Vdc - min.	Form A, SFST-NO Standar d 10 200 250	59140-020 Form A SPST-NO High Volta ge 10 300 450	59140-030 Form C SPDT-CO Standar d 5 175 200	Form B SPST-NC Standar d 5 175 200
0 0 vors and Matching Actuat Must Actuate .175 (4,44)	Must Release .800 (20,32) Operating Characteristics Switching Breakdown Switching	57140-000 Watt - max. Vdc - max. Vdc - min. A - max.	Form A, 9551-NO Standar d 10 200 250 0.5 1.2 0.2	59140-020 Form A SPST-NO High Volta ge 10 300 450 0.5 1.5 0.2	59140-030 Form C SPDT-CO Standar d 5 175 200 0.25 1.5 0.2	Form B SFST-NC Standar d 5 175 200 0.25
Constant Matching Actuat Must Actuate .175 (4,44) trical Specifications and C tact Type tact Rating age	Must Release .800 (20,32) Operating Characteristics Switching Breakdown Switching Carry	57140-000 Watt - max. Vdc - max. Vdc - min. A - max. A - max.	Form A, 9551-NO Standar d 10 200 250 0.5 1.2	59140-020 Form A SPST-NO High Volta ge 10 300 450 0.5 1.5	59140-030 Form C SPDT-CO Standar d 5 175 200 0.25 1.5	Form B STST-NC Standar d 5 175 200 0.25 1.5
Control Contr	Must Release .800 (20,32) Operating Characteristics Switching Breakdown Switching Carry Contact,Initial	57140-000 Watt - max. Vdc - max. Vdc - min. A - max. A - max. Ω - max.	Form A, 9551-NO Standar d 10 200 250 0.5 1.2 0.2	59140-020 Form A SPST-NO High Volta ge 10 300 450 0.5 1.5 0.2	59140-030 Form C SPDT-CO Standar d 5 175 200 0.25 1.5 0.2	Form B STST-NC Standar d 5 175 200 0.25 1.5 0.2
0 0 sors and Matching Actuat Must Actuate .175 (4,44) trical Specifications and C tact Type tact Rating age rent stance acitance	Must Release .800 (20,32) Operating Characteristics Switching Breakdown Switching Carry Contact,Initial Insulation	57140-000 Watt - max. Vdc - max. Vdc - min. A - max. Δ - max. Ω - max. Ω - min.	Form A, STST-NO Standar d 10 200 250 0.5 1.2 0.2 10 ¹⁰	59140-020 Form A SPST-NO High Volta ge 10 300 450 0.5 1.5 0.2 10 ¹⁰	59140-030 Form C SPDT-CO Standar d 5 175 200 0.25 1.5 0.2 10°	Form B STST-NC Standar d 5 175 200 0.25 1.5 0.2 10° 0.3
0 0 sors and Matching Actuat Must Actuate .175 (4,44) trical Specifications and C tact Type tact Rating age rent stance acitance	Must Release .800 (20,32) Operating Characteristics Switching Breakdown Switching Carry Contact, Initial Insulation Contact	57140-000 Watt - max. Vdc - max. Vdc - min. A - max. Δ - max. Ω - min. p F - typ.	Form A, S55:NO Standar d 10 200 250 0.5 1.2 0.2 10 ¹⁰ 0.3	59140-020 Form A SPST-NO High Volta ge 10 300 450 0.5 1.5 0.2 10 ¹⁰ 0.2	59140-030 Form C SPDT-CO Standar d 5 175 200 0.25 1.5 0.2 10° 0.3	Form B SFST-NC Standar d 5 175 200 0.25 1.5 0.2 10° 0.3 -40 to + 105
0 0 sors and Matching Actuat Must Actuate .175 (4,44)	Must Release .800 (20,32) Operating Characteristics Switching Breakdown Switching Carry Contact,Initial Insulation Contact Operating	57140-000 Watt - max. Vdc - max. Vdc - max. A - max. A - max. Ω - min. p F - typ. °C	Form A, SFST-NO Standar d 10 200 250 0.5 1.2 0.2 10 ¹⁰ 0.3 -40 to + 105	59140-020 Form A SPST-NO High Volta ge 10 300 450 0.5 1.5 0.2 10 ¹⁰ 0.2 10 ¹⁰ 0.2 -20 to + 105	59140-030 Form C SPDT-CO Standar d 5 175 200 0.25 1.5 0.2 10° 0.3 -40 to + 105	Form B SFST-NC Standar d 5 175 200 0.25 1.5 0.2 10° 0.3 -40 to + 105
0 0 0	Must Release .800 (20,32) Operating Characteristics Switching Breakdown Switching Carry Contact,Initial Insulation Contact Operating Storage	57140-000 VVatt - max. Vdc - max. Vdc - max. A - max. Ω - max. Ω - max. Ω - min. p F - typ. °C °C	Form A, Standar d 10 200 250 0.5 1.2 0.2 10 ¹⁰ 0.3 -40 to + 105 -65 to + 105	59140-020 Form A SPST-NO High Volta ge 10 300 450 0.5 1.5 0.2 10 ¹⁰ 0.2 -20 to + 105 -65 to + 105	59140-030 Form C SPDT-CO Standar d 5 175 200 0.25 1.5 0.2 10° 0.3 -40 to + 105 -65 to + 105	Form B SFST-NC Standar d 5 175 200 0.25 1.5 0.2 10° 0.3 -40 to + 105 -65 to + 105

I.Flying Leads except as shown below are 24 AWG 7/32 PVC, 105 deg. C., UL 1569.Leads are stripped .250 (6,35), untinned. Notes: 2.Order Actuators as a separate item.

3. Underwriters Laboratories recognition. For details on electrical specifications, contact Hamlin, Inc.

50-2000 Hz

Breed Electronics USA Breed Electronics UK Breed Electronics France

Vibration

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G - max.

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