## 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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Concerct information



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Color of lens       red         Form of collar       round         Dimensions       30 mm         Mushroom Diameter       30 mm         Overall height       33.2 mm         Mounting depth       PCB 9.2 mm, QC 27 mm         Diameter of collar       29.8 mm         Mechanical design       29.8 mm         Mechanical design       Inig nut         Mounting       ring nut         Contact function       latching         Illuminability       no         Reset       by pulling         Torque for nut ring       1.2 Nm         Mechanical characteristics       Kobustness max.         Robustness max.       100 N         Other specifications       -25 °C         Ambient temp. operating min.       -25 °C         Ambient temp. operating max.       +70 °C         Robustness       acc. to IEC 600 68-2-3 und 2-30         Storage temperature min.       40 °C         Storage temperature min.       40 °C         Operating life (operations)       50,000 cycle         B10       65,000 cycle         B10       65,000 cycle         B10       65,000 cycle         B10       65,000 cycle <tr< th=""><th>General information</th><th></th></tr<>	General information	
Form of collar       round         Dimensions       30 mm         Mushroom Diameter       30 mm         Overall height       33.2 mm         Mounting depth       PCB 9.2 mm, QC 27 mm         Mounting hole       22.3 mm         Diameter of collar       29.8 mm         Mechanical design	Form of lens	conical mushroom form
Dimensions         Mushroom Diameter       30 mm         Overall height       33.2 mm         Mounting depth       PCB 9.2 mm, QC 27 mm         Mounting hole       22.3 mm         Diameter of collar       29.8 mm         Mechanical design       Mechanical design         Mounting       ring nut         Contact function       latching         Illuminability       no         Reset       by pulling         Torque for nut ring       1.2 Nm         Mechanical characteristics       Robustness max.         Mobient temp. operating min.       -25 °C         Ambient temp. operating max.       +70 °C         Robustness       acc. to IEC 600 68-2-3 und 2-30         Storage temperature min.       -40 °C         Storage temperature min.       -40 °C         Storage temperature max.       +80 °C         Operating life (operations)       50,000 cycle         B10       65,000 cycle         Degree of protection from front side       IP65 (DIN EN 60529); IP69K (ISO 20653)         Environmental restistance       acc. to IEC 600 68-2-14, -30, -33 and -78         ENVironmental restistance       acc. to IEC 600 68-2-11         ROHS compliant       yes <td>Color of lens</td> <td>red</td>	Color of lens	red
Mushroom Diameter       30 mm         Overall height       33.2 mm         Mounting depth       PCB 9.2 mm, QC 27 mm         Mounting hole       22.3 mm         Diameter of collar       29.8 mm         Mechanical design       7 mg nut         Mounting       ring nut         Contact function       latching         Illuminability       no         Reset       by pulling         Torque for nut ring       1.2 Nm         Mechanical characteristics       8         Robustness max.       100 N         Other specifications       -25 °C         Ambient temp. operating min.       -25 °C         Ambient temp. operating max.       +70 °C         Robustness       acc. to IEC 600 68-2-3 und 2-30         Storage temperature min.       40 °C         Storage temperature max.       +80 °C         Operating life (operations)       50,000 cycle         B10       65,000 cycle         Degree of protection from front side       IP65 (DIN EN 60529); IP69K (ISO 20653)         Environmental restistance       acc. to IEC 600 68-2-14, -30, -33 and -78         Salt spray       IEC 600 68-2-11         ROHS compliant       yes	Form of collar	round
Overall height33.2 mmMounting depthPCB 9.2 mm, QC 27 mmMounting hole22.3 mmDiameter of collar29.8 mmMechanical designring nutMountingring nutContact functionlatchingIlluminabilitynoResetby pullingTorque for nut ring1.2 NmMechanical characteristicsRobustness max.100 NOther specificationsAmbient temp. operating min25 °CAmbient temp. operating max.+70 °CRobustnessacc. to IEC 600 68-2-3 und 2-30Storage temperature min.40 °CStorage temperature max.+80 °COperating life (operations)50,000 cycleB1065,000 cycleDegree of protection from front sideIP65 (DIN EN 60529); IP69K (ISO 20653)Environmental restistanceacc. to IEC 600 68-2-14, -30, -33 and -78Salt sprayIEC 600 68-2-11ROHS compliantyes	Dimensions	
Mounting depthPCB 9.2 mm, QC 27 mmMounting hole22.3 mmDiameter of collar29.8 mmMechanical designring nutMountingring nutContact functionlatchingIlluminabilitynoResetby pullingTorque for nut ring1.2 NmMechanical characteristicsRobustness max.100 NOther specificationsAmbient temp. operating min25 °CAmbient temp. operating min25 °CAmbient temp. operating min26 °CAmbient temp. operating min.40 °CStorage temperature min.40 °CStorage temperature min.40 °CStorage temperature min.50,000 cycleB1065,000 cycleB1065,000 cycleB1065,000 cycleDegree of protection from front sideIP65 (DIN EN 60529); IP69K (ISO 20653)Environmental restistanceacc. to IEC 600 68-2-14, -30, -33 and -78Salt sprayIEC 600 68-2-11ROHS compliantyes	Mushroom Diameter	30 mm
Mounting hole22.3 mmDiameter of collar29.8 mmMechanical designring nutMountingring nutContact functionlatchingIlluminabilitynoResetby pullingTorque for nut ring1.2 NmMechanical characteristicsRobustness max.100 NOther specificationsAmbient temp. operating min25 °CAmbient temp. operating max.+70 °CRobustnessacc. to IEC 600 68-2-3 und 2-30Storage temperature min40 °CStorage temperature max.+80 °COperating life (operations)50,000 cycleB1065,000 cycleDegree of protection from front sideIP65 (DIN EN 60529); IP69K (ISO 20653)Environmental restistanceacc. to IEC 600 68-2-11, -30, -33 and -78Salt sprayIEC 600 68-2-11ROHS compliantyes	Overall height	
Diameter of collar29.8 mmMechanical designMountingring nutContact functionlatchingIlluminabilitynoResetby pullingTorque for nut ring1.2 NmMechanical characteristicsRobustness max.100 NOther specificationsAmbient temp. operating min25 °CAmbient temp. operating max.+70 °CRobustnessacc. to IEC 600 68-2-3 und 2-30Storage temperature min40 °CStorage temperature max.+80 °COperating life (operations)50,000 cycleB1065,000 cycleDegree of protection from front sideIP65 (DIN EN 60529); IP69K (ISO 20653)Environmental restistanceacc. to IEC 600 68-2-14, -30, -33 and -78Salt sprayIEC 600 68-2-11ROHS compliantyes	Mounting depth	PCB 9.2 mm, QC 27 mm
Mechanical design         Mounting       ring nut         Contact function       latching         Illuminability       no         Reset       by pulling         Torque for nut ring       1.2 Nm         Mechanical characteristics       Robustness max.         Robustness max.       100 N         Other specifications       -25 °C         Ambient temp. operating min.       -25 °C         Ambient temp. operating max.       +70 °C         Robustness       acc. to IEC 600 68-2-3 und 2-30         Storage temperature min.       -40 °C         Storage temperature max.       +80 °C         Operating life (operations)       50,000 cycle         B10       65,000 cycle         Degree of protection from front side       IP65 (DIN EN 60529); IP69K (ISO 20653)         Environmental restistance       acc. to IEC 600 68-2-14, -30, -33 and -78         Salt spray       IEC 600 68-2-11         ROHS compliant       yes	Mounting hole	22.3 mm
Mountingring nutContact functionlatchingIlluminabilitynoResetby pullingTorque for nut ring1.2 NmMechanical characteristicsRobustness max.100 NOther specificationsAmbient temp. operating min25 °CAmbient temp. operating max.+70 °CRobustnessacc. to IEC 600 68-2-3 und 2-30Storage temperature min40 °CStorage temperature max.+80 °COperating life (operations)50,000 cycleB1065,000 cycleDegree of protection from front sideIP65 (DIN EN 60529); IP69K (ISO 20653)Environmental restistanceacc. to IEC 600 68-2-14, -30, -33 and -78Salt sprayIEC 600 68-2-11ROHS compliantyes	Diameter of collar	29.8 mm
Contact functionlatchingIlluminabilitynoResetby pullingTorque for nut ring1.2 NmMechanical characteristicsRobustness max.100 NOther specificationsAmbient temp. operating min25 °CAmbient temp. operating max.+70 °CRobustnessacc. to IEC 600 68-2-3 und 2-30Storage temperature min40 °CStorage temperature max.+80 °COperating life (operations)50,000 cycleB1065,000 cycleDegree of protection from front sideIP65 (DIN EN 60529); IP69K (ISO 20653)Environmental restistanceacc. to IEC 600 68-2-14, -30, -33 and -78Salt sprayIEC 600 68-2-11ROHS compliantyes	Mechanical design	
Illuminability       no         Reset       by pulling         Torque for nut ring       1.2 Nm         Mechanical characteristics       100 N         Robustness max.       100 N         Other specifications       40 °C         Ambient temp. operating min.       -40 °C         Storage temperature min.       -40 °C         Storage temperature max.       +80 °C         Operating life (operations)       50,000 cycle         B10       65,000 cycle         Degree of protection from front side       IP65 (DIN EN 60529); IP69K (ISO 20653)         Environmental restistance       acc. to IEC 600 68-2-14, -30, -33 and -78         Salt spray       IEC 600 68-2-11         ROHS compliant       yes	Mounting	ring nut
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Torque for nut ring1.2 NmMechanical characteristicsRobustness max.100 NOther specificationsAmbient temp. operating min25 °CAmbient temp. operating max.+70 °CRobustnessacc. to IEC 600 68-2-3 und 2-30Storage temperature min40 °CStorage temperature max.+80 °COperating life (operations)50,000 cycleB1065,000 cycleDegree of protection from front sideIP65 (DIN EN 60529); IP69K (ISO 20653)Environmental restistanceacc. to IEC 600 68-2-14, -30, -33 and -78Salt sprayIEC 600 68-2-11ROHS compliantyes	Illuminability	no
Mechanical characteristicsRobustness max.100 NOther specificationsAmbient temp. operating min25 °CAmbient temp. operating max.+70 °CRobustnessacc. to IEC 600 68-2-3 und 2-30Storage temperature min40 °CStorage temperature max.+80 °COperating life (operations)50,000 cycleB1065,000 cycleDegree of protection from front sideIP65 (DIN EN 60529); IP69K (ISO 20653)Environmental restistanceacc. to IEC 600 68-2-14, -30, -33 and -78Salt sprayIEC 600 68-2-11ROHS compliantyes	Reset	by pulling
Robustness max.100 NOther specifications-25 °CAmbient temp. operating min25 °CAmbient temp. operating max.+70 °CRobustnessacc. to IEC 600 68-2-3 und 2-30Storage temperature min40 °CStorage temperature max.+80 °COperating life (operations)50,000 cycleB1065,000 cycleDegree of protection from front sideIP65 (DIN EN 60529); IP69K (ISO 20653)Environmental restistanceacc. to IEC 600 68-2-14, -30, -33 and -78Salt sprayIEC 600 68-2-11ROHS compliantyes	Torque for nut ring	1.2 Nm
Other specificationsAmbient temp. operating min25 °CAmbient temp. operating max.+70 °CRobustnessacc. to IEC 600 68-2-3 und 2-30Storage temperature min40 °CStorage temperature max.+80 °COperating life (operations)50,000 cycleB1065,000 cycleDegree of protection from front sideIP65 (DIN EN 60529); IP69K (ISO 20653)Environmental restistanceacc. to IEC 600 68-2-14, -30, -33 and -78Salt sprayIEC 600 68-2-11ROHS compliantyes	Mechanical characteristics	
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Storage temperature min40 °CStorage temperature max.+80 °COperating life (operations)50,000 cycleB1065,000 cycleDegree of protection from front sideIP65 (DIN EN 60529); IP69K (ISO 20653)Environmental restistanceacc. to IEC 60068-2-14, -30, -33 and -78Salt sprayIEC 600 68-2-11ROHS compliantyes	Ambient temp. operating max.	+70 °C
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Operating life (operations)50,000 cycleB1065,000 cycleDegree of protection from front sideIP65 (DIN EN 60529); IP69K (ISO 20653)Environmental restistanceacc. to IEC 60068-2-14, -30, -33 and -78Salt sprayIEC 600 68-2-11ROHS compliantyes	Storage temperature min.	-40 °C
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Degree of protection from front sideIP65 (DIN EN 60529); IP69K (ISO 20653)Environmental restistanceacc. to IEC 60068-2-14, -30, -33 and -78Salt sprayIEC 600 68-2-11ROHS compliantyes	Operating life (operations)	50,000 cycle
Environmental restistanceacc. to IEC 60068-2-14, -30, -33 and -78Salt sprayIEC 600 68-2-11ROHS compliantyes	B10	65,000 cycle
Salt spray     IEC 600 68-2-11       ROHS compliant     yes	Degree of protection from front side	IP65 (DIN EN 60529); IP69K (ISO 20653)
ROHS compliant yes	Environmental restistance	acc. to IEC 60068-2-14, -30, -33 and -78
	Salt spray	IEC 600 68-2-11
REACH compliant yes	ROHS compliant	yes
	REACH compliant	yes

Technical data are approximate and intended solely for general orientation in the selection of a product. Subject to modifications and errors. Images and other graphics may only be similar. For more information, refer to www.rafi.de chapter Imprint / Data Protection.



## Panel cut-out to IEC 60947-5-1



