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High Temperature Dual Circuit Vertical Limit Switch, Roller Lever R38 mm, Rated for 10A @250 VAC



LIMSW-5104HT

High Temperature Limit Switch

Features

- High temperature resistance up to 350°
- Aluminum alloy housing with high mechanical strength
- Over position alarm
- Contact detection
- Compact design

Applications

- Material handling
- OEM machine builders
- Food and beverage packaging
- Conveyer systems
- Machining
- Automotive manufacturing
- Warehouse automation.

Description

The L-com LIMSW-5104HT dual circuit vertical limit switch is electromechanical device operated by physical force via a R38mm roller lever. This high temperature limit switch can be employed in industrial automation to limit the travel of tooling or machinery as well as for object detection and part counting. Applications include material handling, OEM machine builders, food and beverage packaging, conveyer systems, machining, automotive manufacturing, and warehouse automation.

General Specifications

Type	High Temperature Limit Switch
Insulation Resistance	>100Ω Ohm(<500VDC)
IP Rating	IP65
Contact Resistance	<15Ω Ohm
Operating Frequency	30Times/Min.
Operating Speed	1mm - 2m/s
Durability (Mechanical)	>15 million cycles
Durability (Electrical)	>0.5 million cycles
Vibration	Malfunction Endurance 10-55Hz, 1.5mm (double amplitude)
Rated Current	10A/250VDC
Shock Resistance (Destruction)	>1,000m/S² (>100G)
Shock Resistance (Malfunction)	>300m/S² (>30G)
Withstand Voltage Statement 1	No connection between terminals: 1000VAC50/60HZ lasts 1 minute
Withstand Voltage Statement 2	Between the terminal and the contact: 2200VAC50/60Hz lasts 1 minute
Withstand Voltage Statement 3	Between terminal and no-load current metal: 2200VAC50/60Hz lasts 1 minute
Notes, Mechanical	M20x1.5 cable gland included

Environmental Specifications

Temperature

Operating Range	-40 to +350 deg C
Relative Humidty	95 %

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications:
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High Temperature Dual Circuit Vertical Limit Switch, Roller Lever R38 mm, Rated for 10A @250 VAC from L-com has same day shipment for domestic and International orders. Our portfolio includes coaxial cable assemblies, connectors, adapters and custom products as well as lightning and surge protectors, NEMA rated enclosures, and an RF product line which includes antennas, amplifiers, passive, and active components.

The information contained within this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part in order to impliment improvements. L-com reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. L-com does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and L-com does not assume liability arising out of the use of any part or document.

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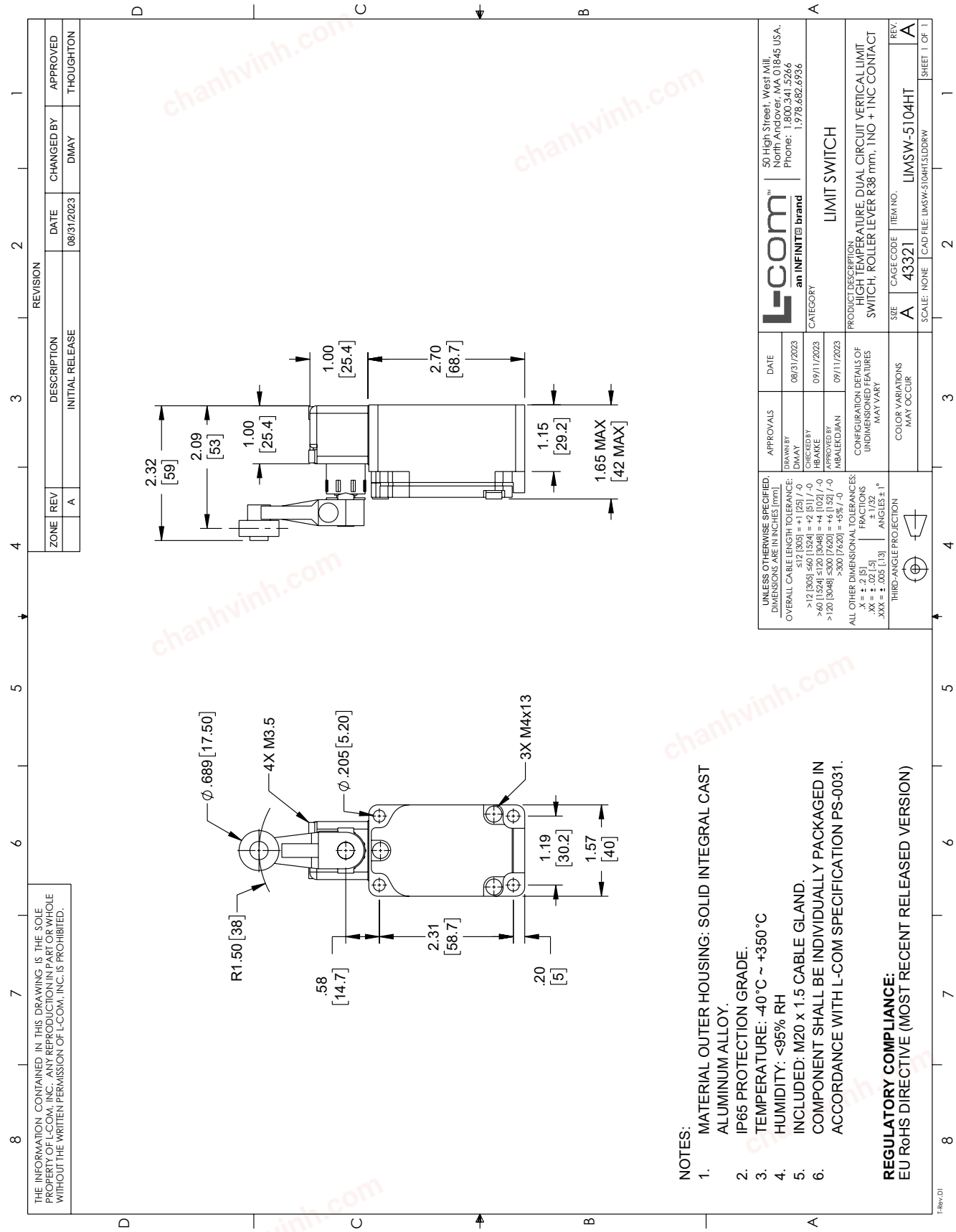
L-com CAD Drawing



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