- SHOCK: ≤ 1 µs according to IEC 512 test 6c  $\leq$ 40 m $\Omega$  according to DIN 41640 teil 14 test 6c

# ENVRONMANTAL CHARACTERISTICS

- CLIMATIC CATEGORY: TEMPERATURE RANGE -55°C TO +125°C

DAMP HEAT STEADY STATE 56 DAYS Class 1

21 DAYS Class 2 (not applicable ) Class 3

2

- ELECTRICAL LOAD AND TEMPERATURE: T= +70°C / I= 1A PER CTS - 1000 HRS

## PART NUMBER PRINTING OPTION:

- INKJET OR LASER PRINTING AT MANUFACTURER'S DISCRETION

PERFORMANCE LEVELS

Pure Tin P/N: 8609 XXX XX XX 7XX XX LF

AND INDUSTRIAL	ATMOSPHERE	TEST	(1)
	DIN Cla	ss 3	
DAYS + 200 OP.	DIN Cla	ss 2	
DAYS + 250 OP.	DIN CIO	ıss 1	
	DAYS + 200 OP.  1 DAYS + 250 OP.	PERFORM LEVEL DIN Cla  DAYS + 200 OP. DIN Cla	

TEST: INDUSTRIAL ATMOSPHERE SO 2

### METALLIZED HOLE DIMENSIONS

- P.C.B HOLE DEFINITION: FINISH HOLE: Ø 0.90 - 1.10

## CONTACT PLATING

- LEAD FREE VERSION:

MALE AND FEMALE CONTACTS:

- GOLD OVER NICKEL OR GOLD+PALLADIUM-NICKEL OVER NICKEL ON MATING SURFACES
- TIN OVER NICKEL ON SOLDER TERMINATION

#### NOTE ROHS INFORMATION

- The "LF" products meet European Union Directives and other country regulations as described in GS-47-0004.
- The housing will whistand exposure to 260°C peak temperature for 3.5 seconds in a wave solder application with a 1.6mm minimum thick circuit board.
- Termination plating spec: 1.27μm Nickel mini, 2.5 to 7.5μm Pure Tin (matte)
- Packaging spec: see GS-14-920

#### IMPORTANT:

- For the right angled versions, like the current leaded versions, it's recommended to use high temperature adhesive or metallic device, to protect the nearlest plastic part in contact with of the solder wave, to avoid any visual plastic deterioration.

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PDS: Rev :H

STATUS:Released

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