

ME500系列陶瓷平底压力芯体

ME500

-40

135

ME500

PTC



...

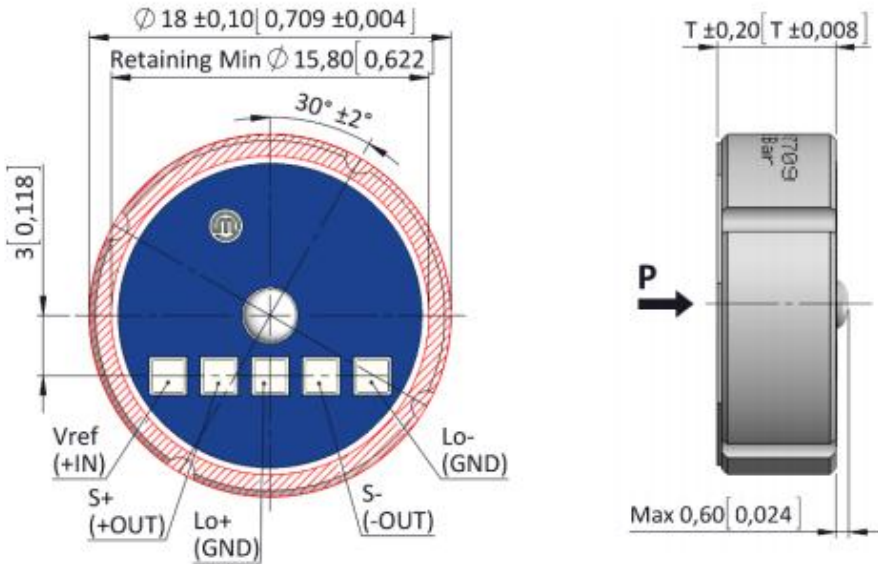
ME500系列陶瓷平底压力芯体

25

ME500							
	(A)	(G)					
	2...30 VDC						
	-40...+135°C						
	-40...+150°C						
	Al ₂ O ₃ 96%		99.6%				
	8 g()						
	-0.1 w 0.1 mV/V						
	1.3 @ 10V mA						
	≤1ms						
	11 w 30%k						
	REACH, RoHS, Conflict Minerals Free						
	ME500						
(bar)	0.5	1	2	5	10	20	50
(bar)	1	2	4	10	15	35	100
(bar)	2	3	6	15	25	65	120
	G	A/G	A/G	A/G	A/G	A/G	A/G
(mm)	6.15	6.17	6.23	6.30	6.35	6.55	6.70
(mV/V)	1.4...2.4	2.0...3.6	2.0...3.5	2.3...4.0	3.1...5.5	2.4...4.0	4.0 6.0
(/) (%FS)	0.4/0.9	0.3/0.9	0.3/0.6	0.2/0.4	0.2/0.5	0.2/0.5	0.2/0.5
(/) (%FS/K)	w 0.02 /w 0.06 ±0.05 / ±0.15 ±0.005 / ±0.025 ±0.03 / ±0.06		-40	+25 ...+85 +25 / +85 +25 ...+85 +25 / +85	+135		
(%FS/K)	-0.030 -0.040	-0.016 -0.020	0 (0 2bar)			-40 ...+135	

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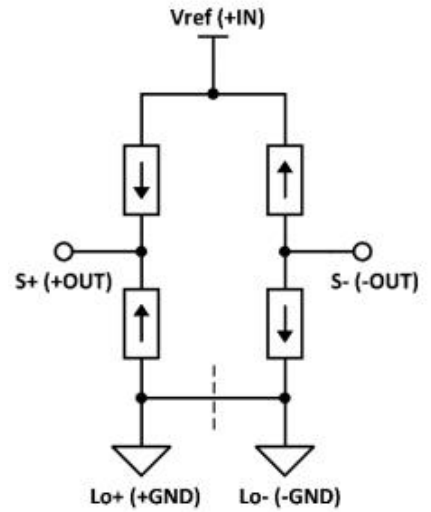
mm



*5, 1,6x1,6[0,063x0,063] =2,54[0,1]

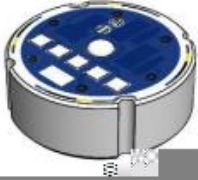
T=

ME501



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举例 : type 03, pre-tinned soldering pads

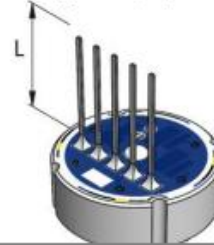


Pitch: 2.54 ± 0.05 [0.1 ± 0.002]

Max. tin thickness: 0.3 [0.01]

Op. Temp: $-40^{\circ}\text{C} \dots +135^{\circ}\text{C}$ ($-40^{\circ}\text{F} \dots 275^{\circ}\text{F}$)

举例 : type 01, 5 pins $L = 13.0 \pm 0.5$ [0.51 ± 0.02]



Pitch: 2.54 ± 0.05 [0.1 ± 0.002]

Pin section: 0.51×0.25 [0.02×0.01]

Pin length: $L = 13.0 \pm 0.5$ [0.51 ± 0.02]

Op. Temp: $-40^{\circ}\text{C} \dots +135^{\circ}\text{C}$ ($-40^{\circ}\text{F} \dots 275^{\circ}\text{F}$)

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500

G=

A=

1=0...0.5 bar [0...7 psi] (ME501 -/G/-)	2=0...1 bar [0...14 psi] (ME501 A/G)
3=0...2 bar [0...29 psi] (ME501 A/G)	4= 0...5 bar [0...72 psi] (ME501 A/G)
5= 0...10 bar [0...145 psi] (ME501 A/G)	6=0...20 bar [0...290 psi] (ME501 A/G)
7=0...50 bar [0...720 psi] (ME501 A/G)	X=

0=

X=

0= $\leq \pm 0.06$ % FS/K	1= $\leq \pm 0.04$ % FS/K
2= $\leq \pm 0.02$ % FS/K	X=

01=5 pins 13 mm \pm 0.5 mm, pitch 2.54 mm
 31=5 pins 9 mm \pm 0.5 mm, pitch 2.54 mm
 02=4 pins 13 mm (without LO (-)) \pm 0.5 mm, pitch 2.54 mm
 32=4 pins 9 mm (without LO (-)) \pm 0.5 mm, pitch 2.54 mm
 03=5 pre-tinned soldering pads, pitch 2.54 mm
 04=NOMEX™ cable 50.8 mm – 5 wires, pitch 2.54 \pm 0.5 mm
 05=PVC flat cable 50.8 mm – 5 wires, pitch 1.27 mm
 09=Polyester cable 50.8 mm – 5 wires, pitch 2.54 mm
 06=4 pins 13 mm \pm 0.5 mm (without LO (+)) pitch 2.54 mm
 36=4 pins 9 mm \pm 0.5 mm (without LO (+)) pitch 2.54 mm
 07=5 pins 13 mm \pm 0.5 mm – open bridge, pitch 2.54 mm
 37=5 pins 9 mm \pm 0.5 mm – open bridge, pitch 2.54 mm
 =

1=

2=

X=

501

G

1

0

0

01

1

- - - - -