DISEGNO ESEGUITO CON SISTEMA CAD Pro/ENG

Non o ammesse variazioni o modifiche manuali

TABELLA TECNICA/TECHNICAL CHART (*)

Transducer type		HBT - TESA
Sensibility typical contact (10Vpp@13 KHz with load 2KΩ±0.1%)	(µV/µm/V)	55
Nominal arm ratio		1.34
Max. arm ratio		-
Max. sideward off-set		-
Max. contact angle	[°]	-
Compatibilità elettromagnetica (EMC) / Electromagnetic compatibility	[µm]	SI
Sensitivity error	(%)	±1
Linearity error	[µm]	<= 131
Linearity range	[µm]	±350
Pretravel at natural zero	[µm]	425+/-50 (ADJUSTABLE)
Standard pretravel adjustment	[µm]	-
Overtravel at natural zero	[µm]	600 +/- 50
Overtravel adjustment	[µm]	-
Thermal drift at natural zero	[µm/°c]	=< 10.251
Tip force at natural zero	[N]	0.9 +/- 0.2
Adjustment of tip force		SI
Stiffness	[N/µm]	<= 0.00060
Repeatability (2.77 Sigma)	[µm]	<=0.2
Dragging error	[µm]	<=0.2
Max. Current	[mA rms]	<= 6
Tempo di assestamento / Settling time	[s]	N.D.
Compatibility with RoHS Directive		SI

TABELLA TECNICA
A17 HBT - TESA

(*) Dati della tabella rilevati con rapporto bracci meccanico = 1.34
Value to be read with arm ratio=1.34

EDIZ. EDIT.	PROGR.	MODIFICHE / CHANGES	DATA/DATE	FIRMA/NAME
-				

Dimensioni e scostamenti per le quote libere Tolerance values for untoleranced dimensions	da 1 > 3 > 6 > 10 > 18 > 30 > 50 > 80 > 120 > 180 > 250 a 3 a 6 a 10 a 18 a 30 a 50 a 80 a 120 a 180 a 250 a 315
Qualità' Quality IT 11	0.060 0.075 0.090 0.110 0.130 0.160 0.190 0.220 0.250 0.290 0.320
IT 12	0.090 0.120 0.150 0.160 0.210 0.250 0.300 0.350 0.400 0.460 0.520
IT 13	0.140 0.180 0.220 0.270 0.330 0.390 0.460 0.540 0.630 0.720 0.810
IT 14	0.250 0.300 0.360 0.430 0.520 0.620 0.740 0.870 1.000 1.150 1.300

Posiz. toll. Quote libere Pos. tol. allow. dev. on untol dim.

ALBERI / SHAFTS: h: da 0 a -
from 0 to -
FORI / HOLES: H: da 0 a +
from 0 to +

TOLLER. QUOTE LIBERE / ALLOWABLE DEVIATIONS ON UNTOL. DIM.	MATER.	[redacted]	
IT 11	STATO MATER.	[redacted]	
	MATER. STATUS	PESO WEIGHT kg: 0 031	

OGGETTO	A17 HBT TESA	SUBJECT	

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