MCK

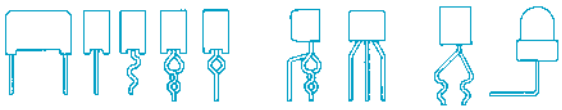
Cutting & Preforming machine

for reeled and radial components

The MCK machine is designed for precision preforming of radial components in bandoliered form.

The MCK is adapted to production requirements such as small and large recurrent series.

The components size can be easily changed by fast and direct geometric adjustment and change of toolings.



Technical characteristics

— Quantities programming by recurrent series of 1 to 10 millions.
— Production rate : 20.000 reeled components per hour.
— Standard strip of 12.7 mm pitch.
— Length of cut and position of joggle adjustable by vernier.
— Variable speed motor - components electronic meter.
— 3 workstations on standard machine. (See available forms).
— Dimensions : H = 370 mm x L = 550 mm x l = 330 mm.
— Power supply : 220 VAC / 50 Hz single-phase.
— Security : Conform to EC standards.
— Reel holder arm.
— Military approval.
— Preforming tools :
. Standard ou specific toolings.
. Interchangeable toolings allowing combination of a lot of forms (raising of the component above the PCB, clinching of the component in the PCB, large bending forms, etc).

Options

— Reference on component body.
— Infeed poka yoke.
— Strip with 15 mm pitch.

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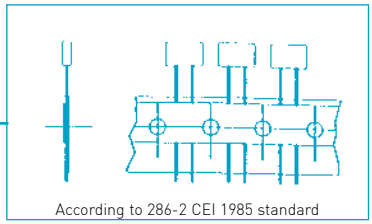
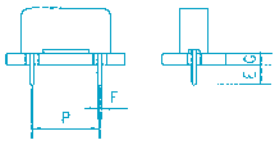
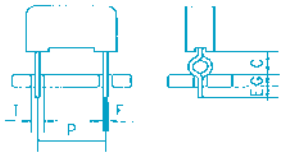
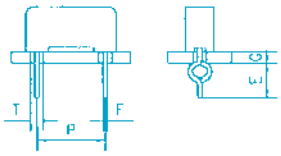
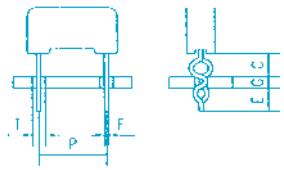
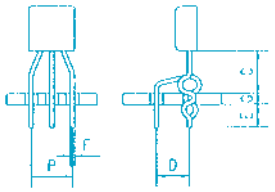
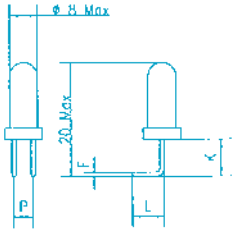


According to 286-2 CEI 1985 standard

DIMENSIONAL CHARACTERISTICS					OBTAINED DIMENSIONS				OBSERVATIONS
VERSION	SHAPE	G C.I.	F WIRE Ø	T HOLE Ø	C MINI	D	E MINI MAXI	P MINI MAXI	
1		1,6	0,4 TO 0,8	-	-	-	2-G 9-G	2,54 12,7	Cut 2 mm from body
1,4		1,6	0,4 TO 0,8	F+ 0,2 F+ 0,4	2,4 6	-	WITH G=1,6 1,0 5,5	2,54 12,7	Obtained with tooling version 1,2
1,2		1,6	0,4 TO 0,8	F+ 0,4 F+ 0,6	-	-	1,4 6,8	2,54 12,7	Special version for components with large body (ø 16)
1,3		1,6	0,4 TO 0,8	F+ 0,3 F+ 0,6	2,4	-	1,0 4,2	2,54 12,7	Special dies for transistors
6		1,6	0,4 TO 0,8	-	3,0	2,54	1,0 3,0	5,08	Dimensions D : Can be 0 or 5,08 with other dies Dimensions P : Can be 2,54 with other dies Possibility to form the central lead
LED		-	□ TO 0,5	-	K MIN MAX 2,50 9	L MIN MAX 4 10	E MIN MAX -	P MIN MAX 2,54	Dimensions L : cut 2 mm from body with specific tooling

Special tools to form the component wire can be considered

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