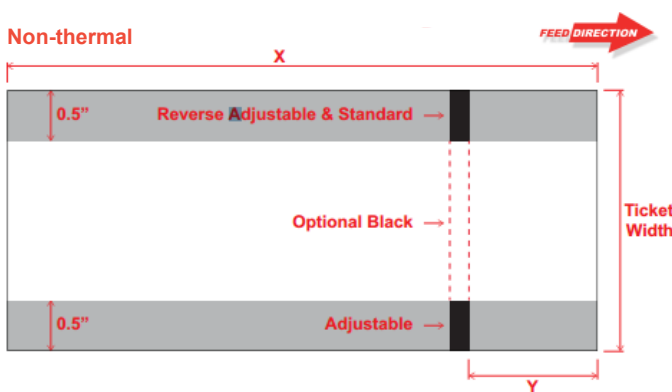


Ticket Specifications

Nominal paper path width	Minimum ticket width	Maximum ticket width
2"	1.97"	2.00"
2.125"	2.095"	2.125"
2.5"	2.47"	2.50"
2.7"	2.67"	2.70"
3"	2.97"	3.00"
3.25"	3.22"	3.25"
4"	3.97"	4.00"

- Ticket width is nominal paper path width + 0.000"/- 0.030"
- Minimum ticket length is 1.5" for all models (except Lemur-M, Lemur-MF and Lemur-Z) and 3.2" for Lemur-Z



- No black ink can appear in shaded zones
- Black mark should have a minimum PCS of 90% in the infrared range
- Background area in line with black mark should have a maximum PCS of 20% in the infrared range
- Black mark should have a minimum height of 0.5" and a minimum width of 0.25"
- Distance to black mark (Y) depends upon ticket length (X)

PCS	Print Contrast Signal
Infrared range	940nm

Black mark positions

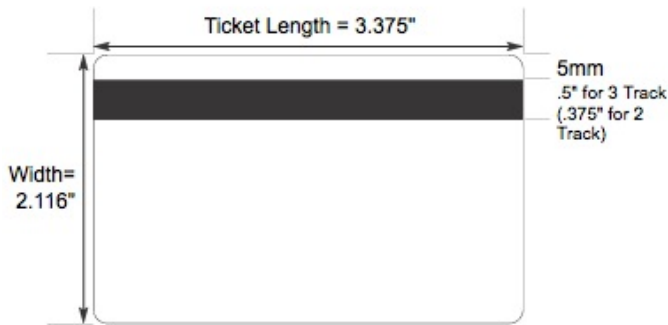
Standard paper guide	Black mark starts at 6.688" from the beginning of the ticket.
Cinema paper guide	Black mark starts at 5.8125" from the beginning of the ticket.
Lemur-C paper guide	Black mark starts at 5" from the beginning of the ticket.
Lemur-Z/Lemur-X paper guide	Black mark starts at 1.5" from the beginning of the ticket.

Black mark position (Y) for commonly used ticket lengths (X)

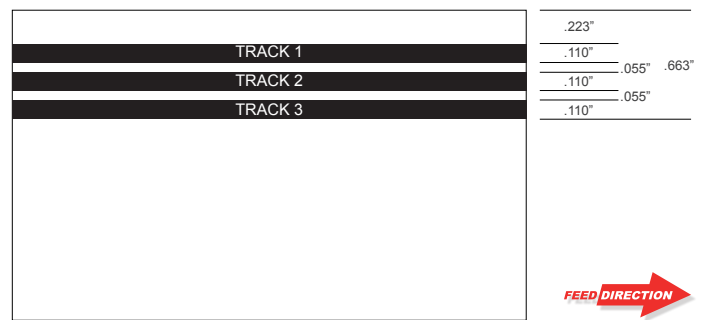
Ticket length	Standard paper guide		Cinema paper guide		Lemur-C paper guide	
	(all ticket widths)		(Usually 3.25" wide only)		(all ticket widths)	
2"	0.688"	17,48mm	1.8125"	46,04mm	1.00"	25,40mm
2.125"	0.313"	7,95mm			0.75"	19,05mm
3"	0.688"	17,48mm	2.8125"	71,44mm	2.00"	50,80mm
3.375"	3.313"	84,15mm			1.625"	41,28mm
4"	2.688"	68,28mm	1.8125"	46,04mm	1.00"	25,40mm
4.5"	2.188"	55,58mm			0.50"	12,70mm
5"	1.688"	42,88mm			0.00"	0,00mm
5.5"	1.188"	30,18mm			5.00"	127,00mm
6"	0.688"	17,48mm	5.8125"	147,64mm	5.00"	127,00mm
7"	6.688"	169,88mm			5.00"	127,00mm
8"	6.688"	169,88mm			5.00"	127,00mm
12"	6.688"	169,88mm			5.00"	127,00mm

Magnetic Card Specifications

Magnetic Stripe Location



Track location



All tolerances are +/- .006" unless otherwise noted



Magnetic Ticket Specification

Ticket Width	2.116" (53.75mm)	+/- .008" (+/- 0.203mm)
Length	3.375"	+/- .010"
Material	HS7, M10, KEY10	or equivalent
Thickness	.007", .010" OR .011"	+/- .0003"
Perforation	25% maximum Perforations must be strong enough to avoid accidental separation.	
Rounded Edges	Optional Square edges are acceptable	
Mag Strip Placement	Printer dependent	

Magnetic Stripe Specification

Stripe Width	Stripe must cover at least .020 more than indicated above
Preferred stripe	Polyester coated magnetic foil (LoCo or HiCo)
Optional stripe	UV coated ink slurry (LoCo or HiCo) Uncoated ink slurry is unacceptable
Ticket Thickness	.007" or .010" Send samples to TLS-Boca Systems prior to printer purchase