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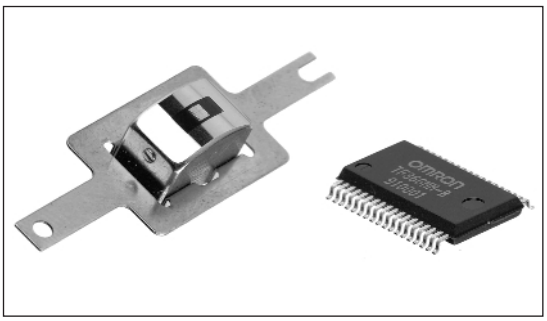
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OMRON

Magnetic Heads and F2F Decoder Integrated Circuits

- One, two and three track magnetic stripe reading.
- Permalloy 1.4mm track reading width.
- Supplied with mounting spring.
- One and two channel F2F decoder IC.
- 20 or 36 pin sm moulded plastic package.
- 75 or 210 BPI clock signal.



Ordering Information

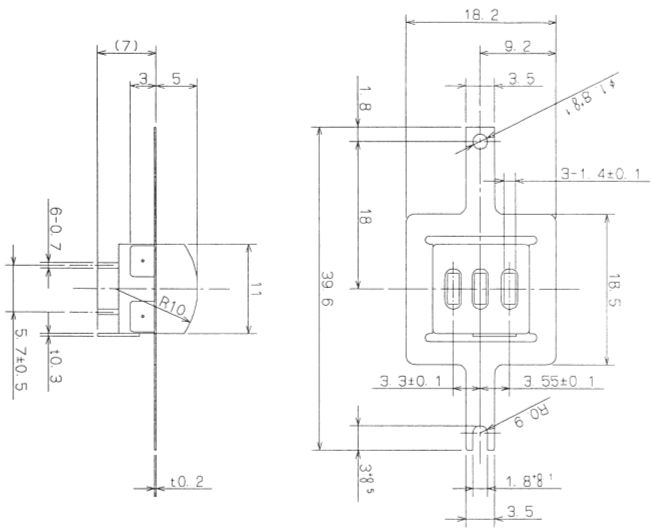
Part Number	Description
MAGHEAD(HNR4)	Single track head
2TRHEAD(HNR)	Two track head
3TRHEAD26736750	Three track head
TF443MM	Single channel F2F decoder IC
ICTF366MM-B	Two channel F2F decoder IC

Magnetic Head Specification

Gap width	0.03mm
Gap depth	0.3mm minimum
Track width	1.4mm ± 0.1
Core	Permalloy
Shield case	Permalloy
Case resin	Epoxy resin
Ambient temperature (operation)	-20˚ to 65˚ C
Ambient humidity (operation)	10% to 90% RH
Read output	19mV p-p ± 20%
Core earth	3 V max. 10 ohm max.

Dimensions

The three track head is illustrated as an example - full specification for all options available on request.



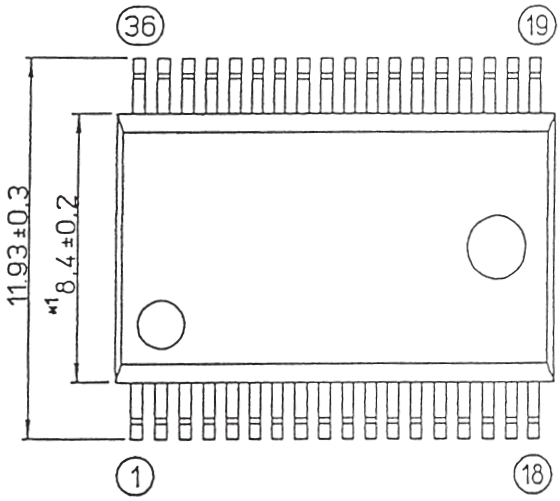
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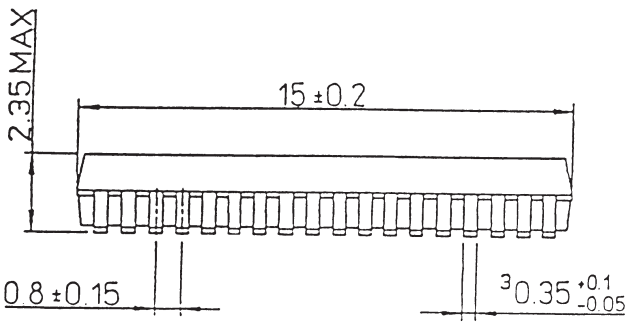
F2F Decoder IC Specification

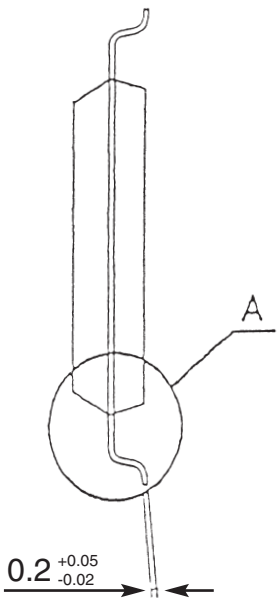
Package Type	20 or 36 pin moulded plastic
Output	CLS, RCP and RDP for 1 or 2 channels 8 bit
Supply voltage	VDD -0.3 to 7.0V DC
Input voltage	VI -0.3 to VDD + 0.3 VDC
Output voltage	VO -0.3 to VDD + 0.3 V DC
Ambient temperature (operation)	-20 to 75˚ C
Power dissapation	1 W

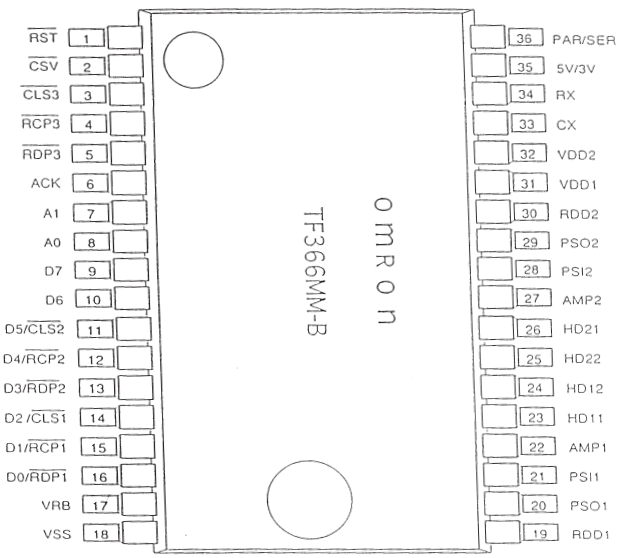
Dimensions

The two channel package is illustrated as an example









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