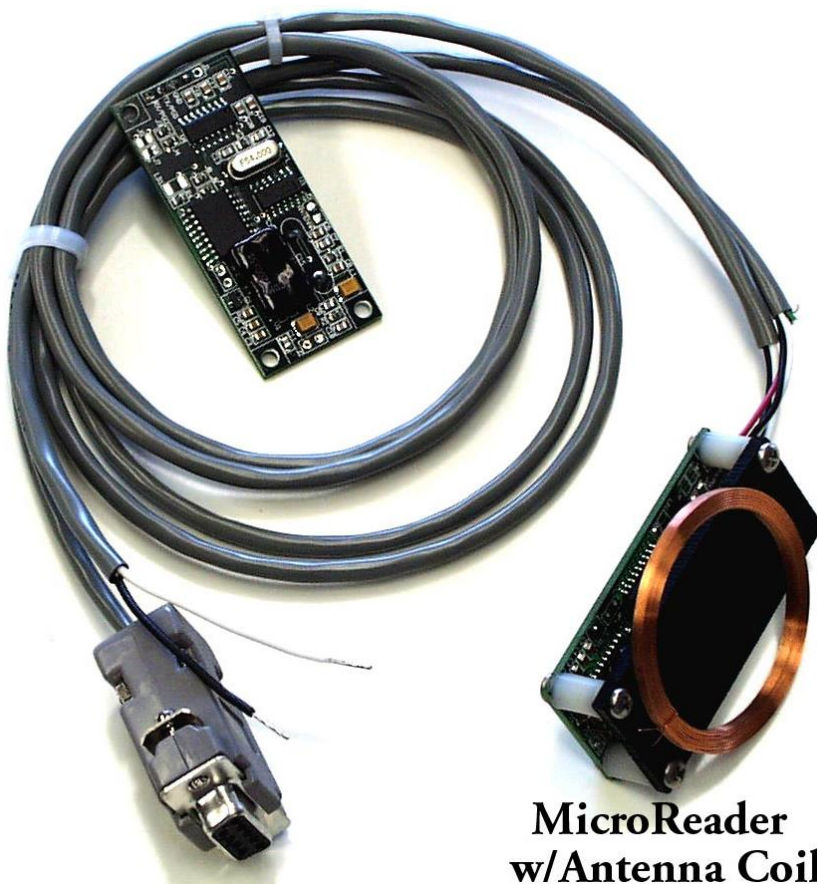


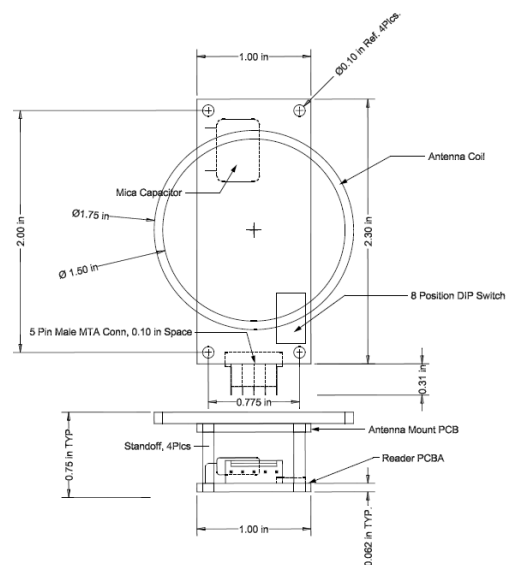
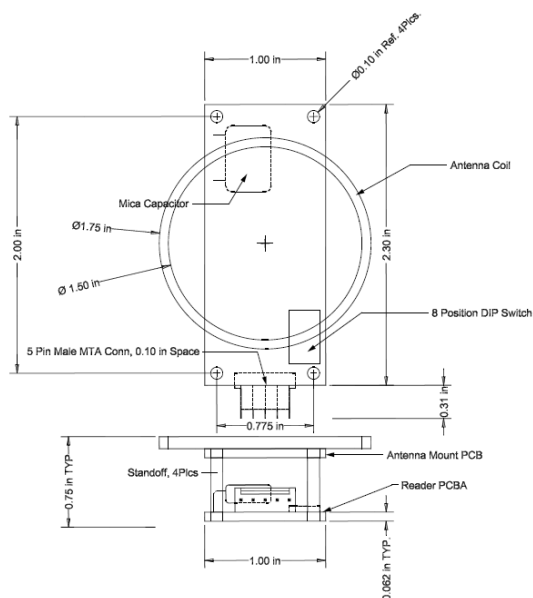
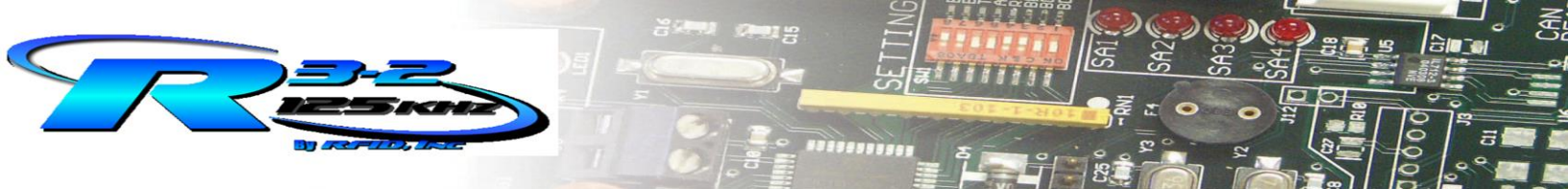
Model 3020 LF 125 KHz MicroReader

Specifications & Data Sheet



**MicroReader
w/Antenna Coil**

Physical:		5vdc	24vdc
	Dimensions w/o Antenna:	2.30" x 1.00" x 0.375"	
	With Antenna on Standoff:	2.30" x 1.00" x 0.6875"	
	Antenna Diameter:	1.8125" (4.6cm)	1.8125" (4.6cm)
	Weight w/o Antenna:	1 oz. (9 grams)	1 oz. (10 grams)
	Connector Options:	Pins or cabling	Pins or cabling
Electrical:	Relay Driver:	5v @ 50mA	5v @ 50mA
Functions & RF	Input:	5VDC	24VDC
	Draw:	125mA min – 200mA max	125mA min – 200mA max
Environment:	Frequency:	125 KHz	125 KHz
	LED:	On = power	Blink = read achieved
	Output:	TTL or RS232	TTL or RS232
	Compliance:	FCC, ETSI, RoHS	FCC, ETSI, RoHS
Environment:	Storage Temperature:	-55°F to 185°F (85°C)	-55°F to 185°F (85°C)
	Operating Temperature:	-40°F to +131°F (55°C)	-40°F to +131°F (55°C)



**Connection Pins for
Power/Communication**

**Mounting Holes
.1150" (2.92mm) diameter**

**Power
Ground
Tx
Rx**



Dip Switch Block LED Relay Driver

Part Numbers	Description
710-0095-04	Model 3020-RW-8/16/32 125 KHz MicroReader, Read Write, no Antenna, no 9 PIN ser & pwr conn, 8/16/32 characters ASCII, 5vdc
710-0095-05	Model 3021-RW-8/16/32 125 KHz MicroReader, Read Write, w/Antenna, no 9 PIN ser & pwr conn, 8/16/32 characters ASCII, 5vdc
710-0095-06	Model 3022-RW-8/16/32 125 KHz MicroReader, Read Write, w/9 PIN ser & pwr conn, no Antenna, 8/16/32 characters ASCII, 5vdc
710-0095-07	Model 3023-RW-8/16/32 125 KHz MicroReader, Read Write, w/Antenna, w/9 PIN ser & pwr conn, 8/16/32 characters ASCII, 5vdc
710-0095-00	Model 3024-RO-10 125 KHz MicroReader, Read Write, no Antenna, no 9 PIN ser & pwr conn, 10 hex characters, 5vdc
710-0095-01	Model 3025-RO-10 125 KHz MicroReader, Read Write, w/Antenna, no 9 PIN ser & pwr conn, 10 hex characters, 5vdc
710-0095-02	Model 3026-RO-10 125 KHz MicroReader, Read Write, w/9 PIN ser & pwr conn, no Antenna, 10 hex characters, 5vdc
710-0095-03	Model 3027-RO-10 125 KHz MicroReader, Read Write, w/Antenna, w/9 PIN ser & pwr conn, 10 hex characters, 5vdc
710-0149-04	Model 3020-RW-8/16/32 125 KHz MicroReader, Read Write, no Antenna, no 9 PIN ser & pwr conn, 8/16/32 characters ASCII, 24vdc
710-0149-05	Model 3021-RW-8/16/32 125 KHz MicroReader, Read Write, w/Antenna, no 9 PIN ser & pwr conn, 8/16/32 characters ASCII, 24vdc
710-0149-06	Model 3022-RW-8/16/32 125 KHz MicroReader, Read Write, w/9 PIN ser & pwr conn, no Antenna, 8/16/32 characters ASCII, 24vdc
710-0149-07	Model 3023-RW-8/16/32 125 KHz MicroReader, Read Write, w/Antenna, w/9 PIN ser & pwr conn, 8/16/32 characters ASCII, 24vdc
710-0149-00	Model 3024-RO-10 125 KHz MicroReader, Read Write, no Antenna, no 9 PIN ser & pwr conn, 10 hex characters, 24vdc
710-0149-01	Model 3025-RO-10 125 KHz MicroReader, Read Write, w/Antenna, no 9 PIN ser & pwr conn, 10 hex characters, 24vdc
710-0149-02	Model 3026-RO-10 125 KHz MicroReader, Read Write, w/9 PIN ser & pwr conn, no Antenna, 10 hex characters, 24vdc
710-0149-03	Model 3027-RO-10 125 KHz MicroReader, Read Write, w/Antenna, w/9 PIN ser & pwr conn, 10 hex characters, 24vdc



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Made in the U.S.A.