



**ELECTRICAL**

<b>Input/Reference (I):</b>	11.8/26	<b>Code</b>
(Vrms @ 400 Hz	11.8/115	(1)
xfmr isolated	26/26	(2)
	26/115	(3)
	90/115	(5)
		(9)

**Tracking Rate:** 1440°/sec  
**Digital Output:** 3 or 4 digit BCD

**Model/Range:** SD330/±179°  
 SD331/0 - 359°  
 SD340/±179.9°  
 SD341/0 - 359.9°

**Conversion Time:** 0.5 μsec  
**Power Supply:** +5 V-dc @ 450 mA  
 +15 V-dc @ 50 mA

<b>Frequency (F):</b>		<b>Code</b>
(For 60 Hz operation,	60 Hz	(6)
separate xfmr module...	400 Hz	(4)
STM-60...is required)		

**ENVIRONMENTAL**

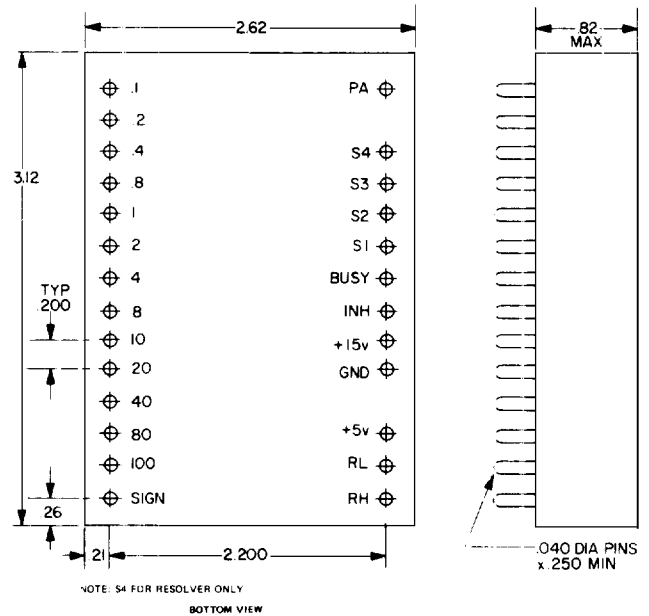
<b>Operating Temperature Range/Reliability (T):</b>		<b>Code</b>
	0 to 70 C/Commercial	(1)
	-55 to 85 C/Military	(2)
	-55 to 105 C/Military	(3)
	0 to 70 C/MIL-STD-883C	(5)
	-55 to 105 C/MIL-STD-883C	(7)
	0 to 70 C/MIL-STD-883B	(8)
	-55 to 105 C/MIL-STD-883B	(9)

**Storage:** -55 to 125 C

**MECHANICAL**

**Size:** 2.625" x 3.125" x 0.82

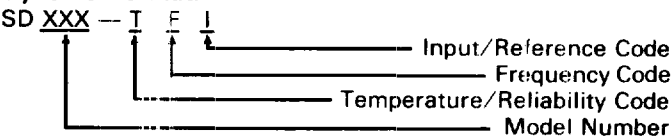
**Mounting:** PCB plug-in with pins at .20" spacing.



Pin designations given are for model RD340. For pin designations on other models, consult Natel.

PA is the direction or offset option.

**Synchro Format:**



**Resolver Format:**

RDXXX — T F I  
 All codes are the same as for Synchro Format

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