

The Data Book Project

DatasheetArchive.com has launched an ambitious effort to digitize thousands of obsolete data books and technical manuals, making them searchable via the DatasheetArchive website.

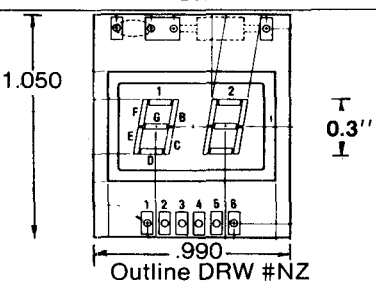
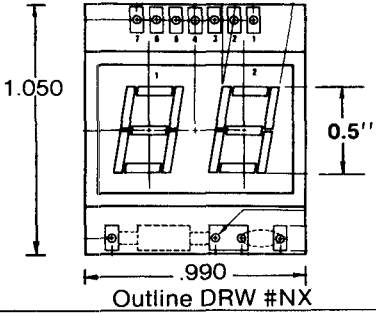
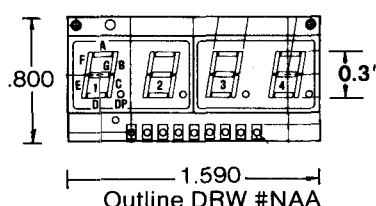
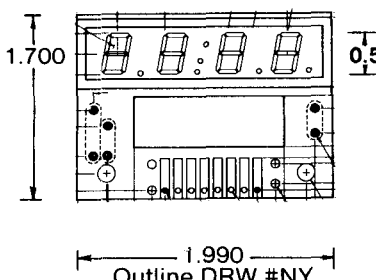
Scroll down to see the scanned document.

NSM 4000 SERIES

NUMERIC DISPLAYS WITH INTEGRAL DRIVER

Applications

- COPS™ or microprocessor display
- Digital thermometer, counter
- Instrumentation
- Channel Indicator

FORMAT	PRODUCT NO.	PARAMETER	CONDITIONS	MIN	TYP	MAX	UNIT
	NSM4307	Segment Intensity Intensity Matching Current/Segment Peak Wavelength VDD Supply Current Logical "0" Logical "1" Input Clock Freq Duty Cycle	$V_{LED}=3.0V$ $V_{LED}=3.0V$ $I_{BRCONT}=400\mu A$ $4.75 \leq V_{DD} \leq 5.25V$ $V_{DD} > 5.25V$	0.10 0.20 ± 33 10 660 -0.3 2.2 $V_{DD}-2V$ 0 40	0.20 ± 33 10 660 50	7 0.8 V_{DD} V_{DD} 0.5 60	mcd mcd mA nm mA V V V Mhz 70
	NSM4507 NSM4508	RED .5" DISPLAY GREEN .5" DISPLAY 1) Same specifications as for NSM 4307 except NSM 4508 uses green die with 568 NM peak wavelength. Refer to data sheet for more complete specifications.					
	NSM4000 NSM4000A NSM4700	RED .3" DISPLAY Same specifications as for NSM 4307 RED .3" DISPLAY, includes pins HIGH EFFICIENCY RED .3" DISPLAY $\lambda = 635 \text{ nm}$					
	NSM 4005A	RED .5" DISPLAY 1) Same specifications as for NSM 4307 2) Includes pins					

NOTE: The MM5450 based products are built using the same design rules as the custom products defined in the section of custom capabilities. The products listed here are available in all standard colors, and with or without pins. For further variation contact the factory for custom assistance.

