

UNCONTROLLED DOCUMENT

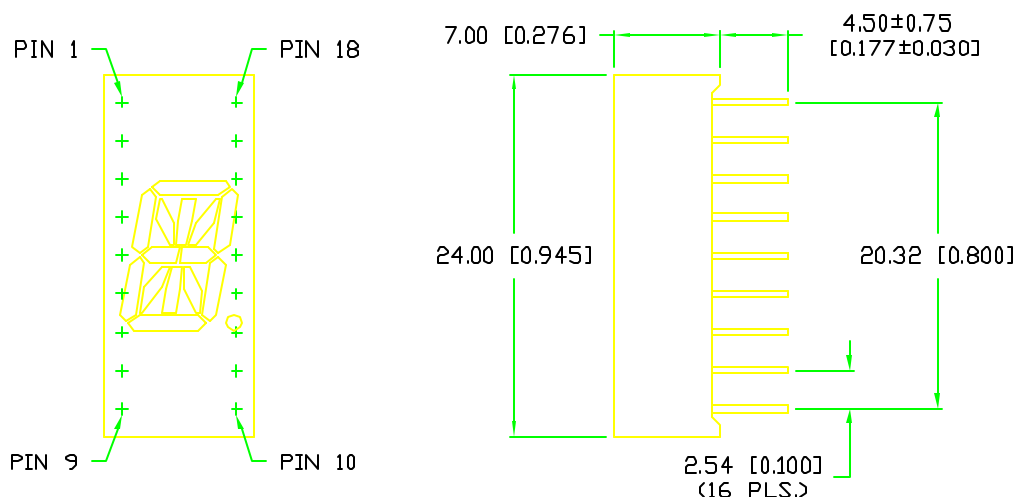


PART NUMBER
LDS-F3904RI

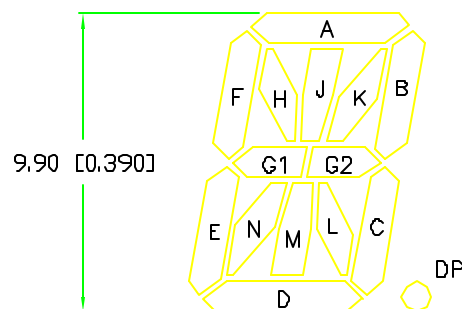
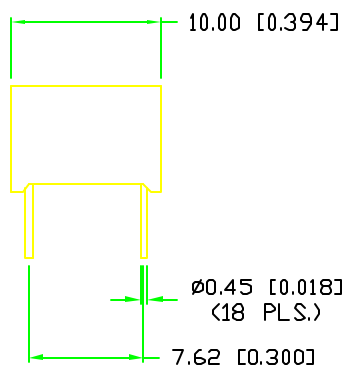
REV.

REV. E.C.N. NUMBER AND REVISION COMMENTS

DATE



DIGIT DETAIL

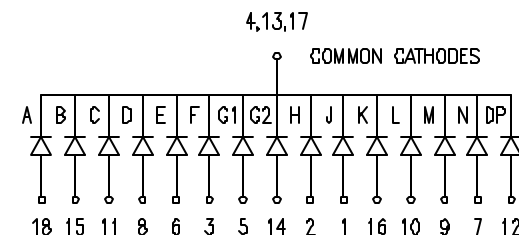


ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $I_f=10\text{mA}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635 (RED)		nm	
FORWARD VOLTAGE		2.0	2.5	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY		5000		μcd	$I_f=10\text{mA}$
EMITTED COLOR:	RED				
FACE COLOR:	GRAY				
SEGMENT COLOR:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	- 1.2	mW/ $^{\circ}\text{C}$
OPERATING, STORAGE TEMP.	- 40 TO + 85	$^{\circ}\text{C}$
SOLDERING TEMP.	+ 260	$^{\circ}\text{C}$
2.0mm FROM BODY	3 SEC. MAX	

* $t < 10\mu\text{s}$



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*UNLESS OTHERWISE SPECIFIED TOLERANCE IS $\pm 0.25\text{mm}$ ($\pm 0.010"$)

REPLACES PART #: LDS-C3924RI

REV.

PART NUMBER
LDS-F3904RI

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RELIABILITY NOTE
OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.

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INCORPORATED

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DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE: 3-1-99
DU			PAGE: 1 OF 1
			SCALE: N/A

0.39", SINGLE DIGIT, 14 SEGMENT ALPHANUMERIC DISPLAY,
635nm RED, GRAY FACE, WHITE SEG., COMMON CATHODE.

Mouser Electronics

Authorized Distributor

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Lumex:

LDS-F3904RI