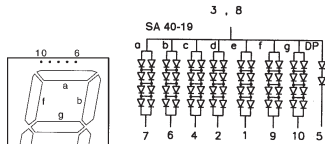


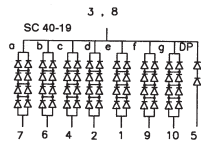
LED Displays — Continued

100mm (4.0")



Best value

H = 122, W = 90, D = 15  
Pin spacing = 5.08  
Row spacing = 107.0

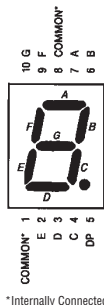


Colour	CA/CC	Format	Lum Intensity/Seg. @ I <sub>f</sub> = 10mA		Typ. V <sub>F</sub> @ 20mA		Order Code
			min (mcd)	max	V <sub>F</sub>	V <sub>R</sub>	
HE Red	Anode	8	5.6	14.0	2.0	5	622-680
HE Red	Cathode	8	5.6	14.0	2.0	5	622-692
Ultra Red	Anode	8	14.0	31.0	1.85	5	622-709
Ultra Red	Cathode	8	14.0	31.0	1.85	5	622-710
Yellow	Anode	8	3.6	9.0	2.1	5	622-722
Yellow	Cathode	8	3.6	9.0	2.1	5	622-734
Ultra Green	Anode	8	14.0	31.0	2.2	5	622-746
Ultra Green	Cathode	8	14.0	31.0	2.2	5	622-758

OPT359

Format	CA/CC	Order Code	Price Each				
			1+	10+	25+	50+	100+
<b>HE Red</b>	8	Anode	<b>622-680</b>				
	8	Cathode	<b>622-692</b>				
<b>Ultra Red</b>	8	Anode	<b>622-709</b>				
	8	Cathode	<b>622-710</b>				
<b>Yellow</b>	8	Anode	<b>622-722</b>				
	8	Cathode	<b>622-734</b>				
<b>Ultra Green</b>	8	Anode	<b>622-746</b>				
	8	Cathode	<b>622-758</b>				

101.6mm (4.0")



LED TECHNOLOGY

Each segment contains eight chips (dp = two chips).

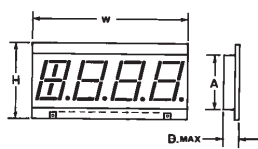
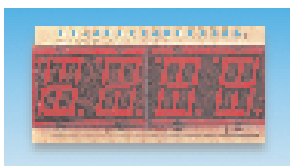
H = 121.8, W = 90, D = 14.75  
Pin spacing = 5.08  
Row spacing = 106.7

Colour	CA/CC	Format	Typ Luminous Intensity/segment		Typ V <sub>F</sub> 20mA	Mfrs. List No.	Order Code
			mcd	I <sub>f</sub> (mA)			
HE Red	Anode	8	16.5	20	8.4	D41A04GW182	178-187
HE Red	Cathode	8	16.5	20	8.4	D41C04GW182	178-188

OPT189

Format	CA/CC	Order Code	Price Each			
			1+	10+	25+	100+
<b>HE Red</b>	8	Anode	<b>178-187</b>			
	8	Cathode	<b>178-188</b>			

PCB Mounted, 4-Digit



III-V

	H	W	D	Digit H	Digit space	Dim. A
0.3" - 4 digit	20.3	40.4	5.7	7.6	10.2	12.7
0.5" - 4 digit	25.4	50.5	7.1	12.7	12.7	17.8

A range of red LED displays, PCB mounted and end stackable, with multiplex operation, common anode or common cathode. Each 7-segment display has right hand decimal point.

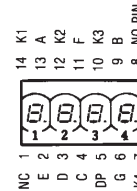
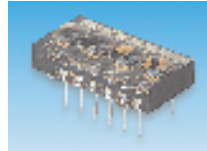
Typ V<sub>F</sub> 1.7V, @ I<sub>f</sub> = 10mA  
Average current/segment 20mA max  
Typ. luminous intensity/seg. 0.2 mcd @ 10mA pk.  
Peak current/segment 75mA max  
V<sub>R</sub> max 3.0V

OPT32

Format	CA/CC	Order Code	Price Each				
			1+	10+	25+	100+	1K+
<b>7.6mm (0.3")</b>							
4-digit	Cathode	<b>324-905†</b>					
<b>12.7mm (0.5")</b>							
4-digit	Cathode	<b>.324-929†</b>	1+	10+	25+	100+	250+
4-digit	Anode	<b>.324-930†</b>					

†Available until stocks are exhausted

2.79mm (0.11"), 4-Digit



Code:  
K1 — K4 = Cathodes  
A — G = Anodes  
NC = No Connection

H = 5.4, W = 19.9, D = 10  
Digit spacing = 5.08, Pin spacing = 2.54  
Row spacing = 7.62

Bubble magnified 4-digit, red 7-segment LED display with right hand decimal points. End stackable. Common cathode. Designed for multiplex operation.

I <sub>F</sub>	5mA	V <sub>R</sub>	3V max	Mfrs. List P <sub>D</sub> max
Light intensity	1.5mcd	16mW per segment	DL340M	

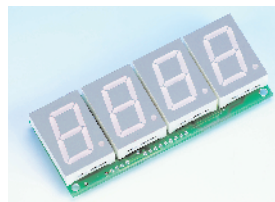
OPT34

Order Code	Price Each				
	1+	10+	25+	100+	250+
<b>.324-954</b>					

LED Displays with Serial Driver

4 Digit LED Displays with Serial Driver

OPTO IMAGES



- A series of 4 digit, 7 segments displays with direct drive serial input
- 'N' versions have right hand decimal point, 'CL' versions have colons for clock applications
- Driver has serial input format featuring serial data, clock and chip enable
- Single 5 to 9 volt supply
- Serial bus signals interface is HCMOS compatible

- Data is sent as 36 bits of segment data: logic 1 driving segment on
- Standard numeric plus a variety of special characters may be generated
- Both variants have 2 spare outputs – may be used for driving external annunciator LEDs
- LED current is programmed via on board resistor (user alterable) to 15mA/seg.

Display Size	Luminous Intensity/Seg. (mcd) – Min./Typ.				
	0.3"/8mm	0.56"/14mm	0.8"/20mm	1.0"/25mm	1.5"/38mm
HE Red	0.6/1.8	0.9/2.4	1.0/2.55	1.4/3.6	1.4/3.6
Green	0.6/1.65	0.9/2.4	1.0/2.55	1.3/3.3	1.3/3.6
Yellow	0.6/1.6	0.9/2.4	1.0/2.55	1.3/3.2	1.3/3.2

OPT547

Colour	Mfrs. List No.	Order Code	Price Each				
			1+	5+	10+	25+	50+
<b>0.3"/8mm</b>							
HE Red	B08M04N-R	<b>948-536</b>					
Green	B08M04N-G	<b>948-548</b>					
Yellow	B08M04N-Y	<b>948-550</b>					
<b>0.56"/14mm</b>							
HE Red	B14M04N-R	<b>948-561</b>					
Green	B14M04N-G	<b>948-573</b>					
Yellow	B14M04N-Y	<b>948-585</b>					
<b>0.8"/20mm</b>							
HE Red	B20M04N-R	<b>948-597</b>					
Green	B20M04N-G	<b>948-603</b>					
Yellow	B20M04N-Y	<b>948-615</b>					
HE Red	B20M04CL-R	<b>948-627</b>					
Green	B20M04CL-G	<b>948-639</b>					
Yellow	B20M04CL-Y	<b>948-640</b>					
<b>1.0"/25mm</b>							
HE Red	B25M04N-R	<b>948-652</b>					
Green	B25M04N-G	<b>948-664</b>					
Yellow	B25M04N-Y	<b>948-676</b>					
HE Red	B25M04CL-R	<b>948-688</b>					
Green	B25M04CL-G	<b>948-690</b>					
Yellow	B25M04CL-Y	<b>948-706</b>					
<b>1.5"/38mm</b>							
HE Red	B38M04N-R	<b>948-718</b>					
Green	B38M04N-G	<b>948-720</b>					
Yellow	B38M04N-Y	<b>948-731</b>					
HE Red	B38M04CL-R	<b>948-743</b>					
Green	B38M04CL-G	<b>948-755</b>					
Yellow	B38M04CL-Y	<b>948-767</b>					