



BE-S-XXXXX

(BE-D)

(BE-T)

W: GRAY INK/WHITE EPOXY R: RED INK/RED EPOXY B: BLACK INK/WHITE EPOXY
 H: GRAY INK/GREEN EPOXY Y: ORANGE INK/ORANGE EPOXY D: BLACK INK/RED EPOXY

R: GaAsp RED
 H: Gap RED
 G: GREEN
 Y: YELLOW
 E: ORANGE
 M: DUAL COLOUR

ODD: COMMON CATHODE
 EVEN: COMMON ANODE

SINGLE:

0: ±1.0 → .3", .4", .5", .6", .8", 1.0", 4.0"
 1: ±1.0 → .36", .43", .52", 2.3"
 2: ±1.0 → .56"
 3: ±1.0 → .56"
 4: ±1.0 → .56"
 5: ±1.0 → .56"

DIGIT SIZE
 (3: .3"xx 4: .4"xx 5: .5"xx)

S: SINGL
 D: DUAL
 T/F: THREE OR FOUR

DUAL

6: ±1.0 → .3", .4", .5", .8"
 7: ±1.0 → .56"
 8: ±1.0 → .56"
 9: ±1.0 → .56"
 A: ±1.0
 B: ±1.0

THREE OR FOUR

C: ±1.0 → .56"
 D: ±1.0 → .56"
 E: ±1.0 → .56"
 F: ±1.0
 G: ±1.0
 H: ±1.0

BE-M-XXXXX

R: GaAsp RED
 H: Gap RED
 G: GREEN
 Y: YELLOW
 E: ORANGE
 M: DUAL COLOUR
 ODD: COMMON CATHODE
 EVEN: COMMON ANODE

57 : 5x7
 58 : 5x8
 88 : 8x8

2:20 3:30 5:50

M: DOT MATRIX

DOT MATRIX DISPLAY

		.7" (17.78mm)	1.2" (30.48mm)	1.4" (35.56mm)	2.0" (50.8mm)	2.3" (58.42mm)	COMMON CATHODE OR COMMON ANODE
EMITTED COLOR	GaAsp RED	BE-M-2571R	BE-M-3571R	BE-M-3581R	BE-M-5571R	BE-M-5581R	C.C.
		BE-M-2570R	BE-M-3570R	BE-M-3580R	BE-M-5570R	BE-M-5580R	C.A.
	GREEN	BE-M-2571G	BE-M-3571G	BE-M-3581G	BE-M-5571G	BE-M-5581G	C.C.
		BE-M-2570G	BE-M-3570G	BE-M-3580G	BE-M-5570G	BE-M-5580G	C.A.
	ORANGE	BE-M-2571E	BE-M-3571E	BE-M-3581E	BE-M-5571E	BE-M-5581E	C.C.
		BE-M-2570E	BE-M-3570E	BE-M-3580E	BE-M-5570E	BE-M-5580E	C.A.
	Gap RED	BE-M-2571H	BE-M-3571H	BE-M-3581H	BE-M-5571H	BE-M-5581H	C.C.
		BE-M-2570H	BE-M-3570H	BE-M-3580H	BE-M-5570H	BE-M-5580H	C.A.



SINGLE DIGIT DISPLAY

ACTUAL DIGIT HEIGHT	EMITTED COLOR					COMMON CATHODE OR COMMON ANODE
	Gap RED	GREEN	ORANGE	YELLOW	Gap RED	
.3" inch (7.62mm)	BE-S-311RD	BE-S-311GW	BE-S-311ER	BE-S-311YY	BE-S-311HD	C.C.
	BE-S-312RD	BE-S-312GW	BE-S-312ER	BE-S-312YY	BE-S-312HD	C.A.
.3" inch (7.62mm)	BE-S-301RD	BE-S-301GW	BE-S-301ER	BE-S-301YY	BE-S-301HD	C.C.
	BE-S-302RD	BE-S-302GW	BE-S-302ER	BE-S-302YY	BE-S-302HD	C.A.
.36" inch (9.14mm)	BE-S-331RD	BE-S-331GW	BE-S-331ER	BE-S-331YY	BE-S-331HD	C.C.
	BE-S-332RD	BE-S-332GW	BE-S-332ER	BE-S-332YY	BE-S-332HD	C.A.
.36" inch (9.14mm)	BE-S-321RD	BE-S-321GW	BE-S-321ER	BE-S-321YY	BE-S-321HD	C.C.
	BE-S-322RD	BE-S-322GW	BE-S-322ER	BE-S-322YY	BE-S-322HD	C.A.
.4" inch (10.16mm)	BE-S-411RD	BE-S-411GW	BE-S-411ER	BE-S-411YY	BE-S-411HD	C.C.
	BE-S-412RD	BE-S-412GW	BE-S-412ER	BE-S-412YY	BE-S-412HD	C.A.
.43" inch (10.92mm)	BE-S-431RD	BE-S-431GW	BE-S-431ER	BE-S-431YY	BE-S-431HD	C.C.
	BE-S-432RD	BE-S-432GW	BE-S-432ER	BE-S-432YY	BE-S-432HD	C.A.
.43" inch (10.92mm)	BE-S-421RD	BE-S-421GW	BE-S-421ER	BE-S-421YY	BE-S-421HD	C.C.
	BE-S-422RD	BE-S-422GW	BE-S-422ER	BE-S-422YY	BE-S-422HD	C.A.
.5" inch (12.70mm)	BE-S-511RD	BE-S-511GW	BE-S-511ER	BE-S-511YY	BE-S-511HD	C.C.
	BE-S-512RD	BE-S-512GW	BE-S-512ER	BE-S-512YY	BE-S-512HD	C.A.
.56" inch (14.22mm)	BE-S-551RD	BE-S-551GW	BE-S-551ER	BE-S-551YY	BE-S-551HD	C.C.
	BE-S-552RD	BE-S-552GW	BE-S-552ER	BE-S-552YY	BE-S-552HD	C.A.
.56" inch (14.22mm)	BE-S-541RD	BE-S-541GW	BE-S-541ER	BE-S-541YY	BE-S-541HD	C.C.
	BE-S-542RD	BE-S-542GW	BE-S-542ER	BE-S-542YY	BE-S-542HD	C.A.
.6" inch (15.24mm)	BE-S-611RD	BE-S-611GW	BE-S-611ER	BE-S-611YY	BE-S-611HD	C.C.
	BE-S-612RD	BE-S-612GW	BE-S-612ER	BE-S-612YY	BE-S-612HD	C.A.
.8" inch (20.32mm)	BE-S-811RD	BE-S-811GW	BE-S-811ER	BE-S-811YY	BE-S-811HD	C.C.
	BE-S-812RD	BE-S-812GW	BE-S-812ER	BE-S-812YY	BE-S-812HD	C.A.
1.0" inch (25.40mm)	BE-S-111RD	BE-S-111GW	BE-S-111ER	BE-S-111YY	BE-S-111HD	C.C.
	BE-S-112RD	BE-S-112GW	BE-S-112ER	BE-S-112YY	BE-S-112HD	C.A.
2.3" inch (58.42mm)	BE-S-231RD	BE-S-231GW	BE-S-231ER	BE-S-231YY	BE-S-231HD	C.C.
	BE-S-232RD	BE-S-232GW	BE-S-232ER	BE-S-232YY	BE-S-232HD	C.A.
4.0" inch (101.50mm)	BE-S-4011RD	BE-S-4011GW	BE-S-4011ER	BE-S-4011YY	BE-S-4011HD	C.C.
	BE-S-4012RD	BE-S-4012GW	BE-S-4012ER	BE-S-4012YY	BE-S-4012HD	C.A.

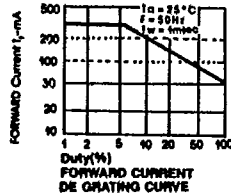
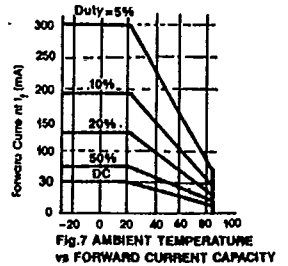
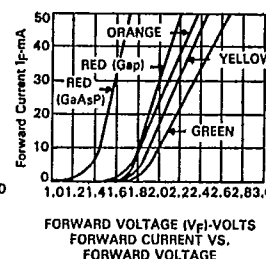
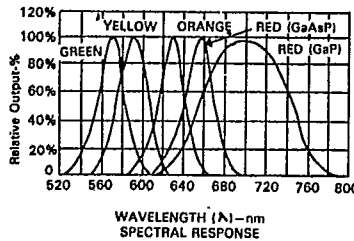
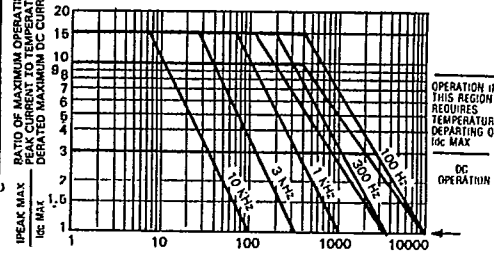
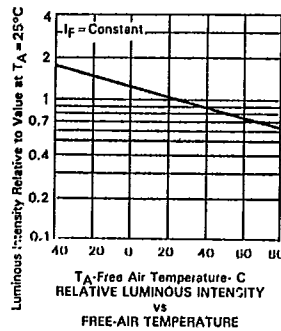


DUAL, THREE, FOUR DIGIT DISPLAY

ACTUAL DIGIT HEIGHT	EMITTED COLOR					COMMON CATHODE OR COMMON ANODE
	GaAsP RED	GREEN	ORANGE	YELLOW	Gap RED	
.3" inch (7.62mm) 8.8.	BE-D-371RD	BE-D-371GW	BE-D-371ER	BE-D-371YY	BE-D-371HD	C.C.
	BE-D-372RD	BE-D-372GW	BE-D-372ER	BE-D-372YY	BE-D-372HD	C.A.
.4" inch (10.16mm) 8.8.	BE-D-471RD	BE-D-471GW	BE-D-471ER	BE-D-471YY	BE-D-471HD	C.C.
	BE-D-472RD	BE-D-472GW	BE-D-472ER	BE-D-472YY	BE-D-472HD	C.A.
.5" inch (12.70mm) 8.8.	BE-D-571RD	BE-D-571GW	BE-D-571ER	BE-D-571YY	BE-D-571HD	C.C.
	BE-D-572RD	BE-D-572GW	BE-D-572ER	BE-D-572YY	BE-D-572HD	C.A.
.56" inch (14.22mm) 8.8.	BE-D-591RD	BE-D-591GW	BE-D-591ER	BE-D-591YY	BE-D-591HD	C.C.
	BE-D-592RD	BE-D-592GW	BE-D-592ER	BE-D-592YY	BE-D-592HD	C.A.
.56" inch (14.22mm) 8.8.8.	BE-T-5C1RD	BE-T-5C1GW	BE-T-5C1ER	BE-T-5C1YY	BE-T-5C1HD	C.C.
	BE-T-5C2RD	BE-T-5C2GW	BE-T-5C2ER	BE-T-5C2YY	BE-T-5C2HD	C.A.
.56" inch (14.22mm) 8.8.8.8.	BE-F-5E1RD	BE-F-5E1GW	BE-F-5E1ER	BE-F-5E1YY	BE-F-5E1HD	C.C.
	BE-F-5E2RD	BE-F-5E2GW	BE-F-5E2ER	BE-F-5E2YY	BE-F-5E2HD	C.A.

ELECTRO - OPTICAL CHARACTERISTICS (Ta = 25°C)

PARAMETER	Forward Voltage	Wavelength	Spectral Line Halfwidth	Reverse Current
SYMBOL	V _F	λ _p	Δλ	I _R
DEVICES	GaAsP RED	GaAsP RED	GaAsP RED	GaAsP Red
	GREEN	GREEN	GREEN	GREEN
	ORANGE	ORANGE	ORANGE	ORANGE
	Gap RED	Gap RED	Gap RED	Gap RED
	HI-EFFI RED	HI-EFFI RED	HI-EFFI RED	HI-EFFI RED
MIN	1.5			
	1.54			
	1.47			
	1.40			
	1.47			
TYP	1.7	655	40	
	2.2	667	30	
	2.1	635	45	
	2.0	700	90	
	2.1	635	45	
MAX	2.0			100
	3.0			100
	3.0			100
	3.0			100
	3.0			100
UNITS	V	nm	nm	μA
TEST CONDITIONS	I _F = 10mA	I _F = 20mA	I _F = 20mA	*1 DICE VR = 5V 2 DICES VR = 10V 3 DICES VR = 20V



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