

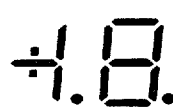


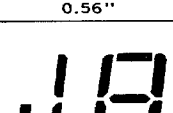
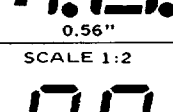
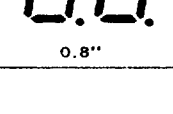
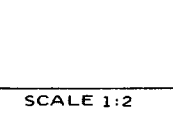


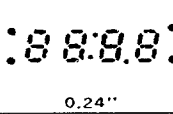
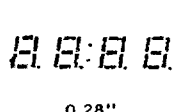
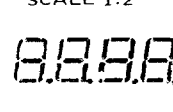
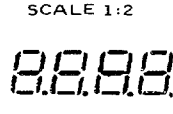

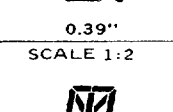
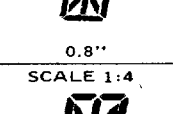
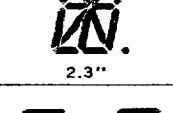
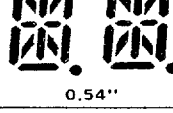


UNDERSTANDING THE SUBJECT IS CUSTOMER SERVICE

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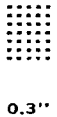
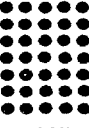

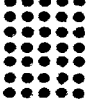
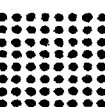

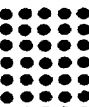
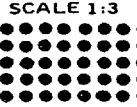
DUAL DIGIT AND OVERFLOW			LUMINOUS INTENSITY INmcd@10mA	PACKAGE
DIGIT HEIGHT	DEVICE NUMBER	EMITTING COLOUR	TYP.	
 0.5"	LA (C) 5012-11	RED	0.5	34
	LA (C) 5022-11	GREEN	1.85	
	LA (C) 5032-11	YELLOW	1.75	
	LA (C) 5042-11	ORANGE	2.0	
	LA (C) 5052-11	GaP RED	0.9	
	LA (C) 5042R-11	HI-EFF. RED	2.0	
 0.5"	LD (E) 5012-11	RED	0.5	35
	LD (E) 5022-11	GREEN	1.85	
	LD (E) 5032-11	YELLOW	1.75	
	LD (E) 5042-11	ORANGE	2.0	
	LD (E) 5052-11	GaP RED	0.9	
	LD (E) 5042R-11	HI-EFF. RED	2.0	
 0.5"	LA (C) 5012-12	RED	0.5	36
	LA (C) 5022-12	GREEN	1.85	
	LA (C) 5032-12	YELLOW	1.75	
	LA (C) 5042-12	ORANGE	2.0	
	LA (C) 5052-12	GaP RED	0.9	
	LA (C) 5042R-12	HI-EFF. RED	2.0	
 0.52"	LA (C) 5212-11	RED	0.5	37
	LA (C) 5222-11	GREEN	1.85	
	LA (C) 5232-11	YELLOW	1.75	
	LA (C) 5242-11	ORANGE	2.0	
	LA (C) 5252-11	GaP RED	0.9	
	LA (C) 5242R-11	HI-EFF. RED	2.0	
 0.56"	LA (C) 5612-11	RED	0.5	38
	LA (C) 5622-11	GREEN	1.85	
	LA (C) 5632-11	YELLOW	1.75	
	LA (C) 5642-11	ORANGE	2.0	
	LA (C) 5652-11	GaP RED	0.9	
	LA (C) 5642R-11	HI-EFF. RED	2.0	
 0.56"	LA (C) 5612-12	RED	0.5	39
	LA (C) 5622-12	GREEN	1.85	
	LA (C) 5632-12	YELLOW	1.75	
	LA (C) 5642-12	ORANGE	2.0	
	LA (C) 5652-12	GaP RED	0.9	
	LA (C) 5642R-12	HI-EFF. RED	2.0	
SCALE 1:2  0.8"	LA (C) 8012-11	RED	0.55	40
	LA (C) 8022-11	GREEN	2.0	
	LA (C) 8032-11	YELLOW	1.9	
	LA (C) 8042-11	ORANGE	2.2	
	LA (C) 8052-11	GaP RED	1.0	
	LA (C) 8042R-11	HI-EFF. RED	2.2	
3 DIGIT DISPLAY.				
SCALE 1:2  0.56"	LA (C) 5613-11	RED	0.45	41
	LA (C) 5623-11	GREEN	1.65	
	LA (C) 5633-11	YELLOW	1.6	
	LA (C) 5643-11	ORANGE	1.8	
	LA (C) 5653-11	GaP RED	0.7	
	LA (C) 5643R-11	HI-EFF. RED	1.8	
SCALE 1:2  0.56"	LM (N) 5613-11	RED	0.45	42
	LM (N) 5623-11	GREEN	1.65	
	LM (N) 5633-11	YELLOW	1.6	
	LM (N) 5643-11	ORANGE	1.8	
	LM (N) 5653-11	GaP RED	0.7	
	LM (N) 5643R-11	HI-EFF. RED	1.8	

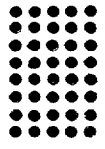
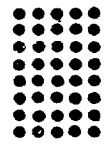

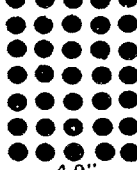
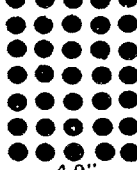



4 DIGIT DISPLAY			LUMINOUS INTENSITY INmcd@10mA	PACKAGE
DIGIT HEIGHT	DEVICE NUMBER	EMITTING COLOUR	TYP.	
SCALE 1:1.3  0.24"	LC2414-11	RED	0.4	43
	LC2424-11	GREEN	1.5	
	LC2434-11	YELLOW	1.4	
	LC2444-11	ORANGE	1.6	
	LC2454-11	GaP RED	0.7	
	LC2444R-11	HI-EFF. RED	1.6	
SCALE 1:1.3  0.28"	LM2814-11	RED	0.45	44
	LM2824-11	GREEN	1.65	
	LM2834-11	YELLOW	1.6	
	LM2844-11	ORANGE	1.8	
	LM2854-11	GaP RED	0.7	
	LM2844R-11	HI-EFF. RED	1.8	
SCALE 1:2  0.56"	LA(C)5614-11	RED	0.45	45
	LA(C)5624-11	GREEN	1.65	
	LA(C)5634-11	YELLOW	1.6	
	LA(C)5644-11	ORANGE	1.8	
	LA(C)5654-11	GaP RED	0.7	
	LA(C)5644R-11	HI-EFF. RED	1.8	
SCALE 1:2  0.56"	LM(N)5614-11	RED	0.45	46
	LM(N)5624-11	GREEN	1.65	
	LM(N)5634-11	YELLOW	1.6	
	LM(N)5644-11	ORANGE	1.8	
	LM(N)5654-11	GaP RED	0.7	
	LM(N)5644R-11	HI-EFF. RED	1.8	
SINGLE AND DUAL ALPHANUMERIC DISPLAY				
 0.39"	LA(C)3911-11B	RED	0.48	47
	LA(C)3921-11B	GREEN	1.8	
	LA(C)3931-11B	YELLOW	1.7	
	LA(C)3941-11B	ORANGE	1.95	
	LA(C)3951-11B	GaP RED	0.8	
	LA(C)3941R-11B	HI-EFF. RED	1.95	
SCALE 1:2  0.8"	LA(C)8011-11B	RED	0.55	48
	LA(C)8021-11B	GREEN	2.0	
	LA(C)8031-11B	YELLOW	1.9	
	LA(C)8041-11B	ORANGE	2.2	
	LA(C)8051-11B	GaP RED	1.0	
	LA(C)8041R-11B	HI-EFF. RED	2.2	
SCALE 1:4  2.3"	LA(C)2311-42B	RED	—	49
	LA(C)2321-42B	GREEN	2.7	
	LA(C)2331-42B	YELLOW	—	
	LA(C)2341-42B	ORANGE	3.0	
	LA(C)2351-42B	GaP RED	2.0	
	LA(C)2341R-42B	HI-EFF. RED	3.0	
 0.54"	LA(C)5412-11	RED	0.4	50
	LA(C)5422-11	GREEN	1.5	
	LA(C)5432-11	YELLOW	1.4	
	LA(C)5442-11	ORANGE	1.6	
	LA(C)5452-11	GaP RED	0.7	
	LA(C)5442R-11	HI-EFF. RED	1.6	
 0.54"	LA(C)5412-21	RED	0.4	51
	LA(C)5422-21	GREEN	1.5	
	LA(C)5432-21	YELLOW	1.4	
	LA(C)5442-21	ORANGE	1.6	
	LA(C)5452-21	GaP RED	0.7	
	LA(C)5442R-21	HI-EFF. RED	1.6	



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DOT MATRIX DISPLAY			LUMINOUS INTENSITY INmcd@10mA	PACKAGE
DIGIT HEIGHT	DEVICE NUMBER	EMITTING COLOUR	TYP.	
 0.3"	LJ3511-1(2)1	RED	0.35	52
	LJ3521-1(2)1	GREEN	1.3	
	LJ3531-1(2)1	YELLOW	—	
	LJ3541-1(2)1	ORANGE	1.4	
	LJ3551-1(2)1	GaP RED	0.6	
	LJ3541R-1(2)1	HI-EFF. RED	1.4	
 0.68"	LJ7011-1(2)1	RED	0.5	53
	LJ7021-1(2)1	GREEN	1.85	
	LJ7031-1(2)1	YELLOW	—	
	LJ7041-1(2)1	ORANGE	2.0	
	LJ7051-1(2)1	GaP RED	0.9	
	LJ7041R-1(2)1	HI-EFF. RED	2.0	
 0.68"	LJ7011-1(2)2	RED	0.5	54
	LJ7021-1(2)2	GREEN	1.85	
	LJ7031-1(2)2	YELLOW	—	
	LJ7041-1(2)2	ORANGE	2.0	
	LJ7051-1(2)2	GaP RED	0.9	
	LJ7041R-1(2)2	HI-EFF. RED	2.0	
SCALE 1:2  1.16"	LJ5711-1(2)1	RED	0.5	55
	LJ5721-1(2)1	GREEN	1.85	
	LJ5731-1(2)1	YELLOW	—	
	LJ5741-1(2)1	ORANGE	2.0	
	LJ5751-1(2)1	GaP RED	0.9	
	LJ5741R-1(2)1	HI-EFF. RED	2.0	
SCALE 1:2  1.2"	LJ1211-1(2)1	RED	0.5	56
	LJ1221-1(2)1	GREEN	1.85	
	LJ1231-1(2)1	YELLOW	—	
	LJ1241-1(2)1	ORANGE	2.0	
	LJ1251-1(2)1	GaP RED	0.9	
	LJ1241R-1(2)1	HI-EFF. RED	2.0	
SCALE 1:3  2.0"	LJ2011-1(2)1	RED	—	57
	LJ2021-1(2)1	GREEN	2.0	
	LJ2031-1(2)1	YELLOW	—	
	LJ2041-1(2)1	ORANGE	2.2	
	LJ2051-1(2)1	GaP RED	1.0	
	LJ2041R-1(2)1	HI-EFF. RED	2.2	
SCALE 1:3  2.0"	LJ2062-42	ORANGE	2.2	58
		GREEN	2.0	
	LJ2062-52	GaP RED	1.0	
		GREEN	2.0	
	NOTE: LJ2062-x2 SERIES ARE BI-COLOR DOT MATRIX DISPLAY.			
SCALE 1:3  2.3"	LJ2311-1(2)1	RED	—	59
	LJ2321-1(2)1	GREEN	2.0	
	LJ2331-1(2)1	YELLOW	—	
	LJ2341-1(2)1	ORANGE	2.2	
	LJ2351-1(2)1	GaP RED	1.0	
	LJ2341R-1(2)1	HI-EFF. RED	2.2	

DOT MATRIX DISPLAY			LUMINOUS INTENSITY INmcd@10mA	PACKAGE
DIGIT HEIGHT	DEVICE NUMBER	EMITTING COLOUR	TYP.	
SCALE 1:3  2.4"	LJ2411-1(2)1	RED	—	60
	LJ2421-1(2)1	GREEN	2.0	
	LJ2431-1(2)1	YELLOW	—	
	LJ2441-1(2)1	ORANGE	2.2	
	LJ2451-1(2)1	GaP RED	1.0	
	LJ2441R-1(2)1	HI-EFF. RED	2.2	
		SCALE 1:3  2.4"		
SCALE 1:3  2.4"	LJ2411-1(2)3	RED	—	61
	LJ2421-1(2)3	GREEN	2.0	
	LJ2431-1(2)3	YELLOW	—	
	LJ2441-1(2)3	ORANGE	2.2	
	LJ2451-1(2)3	GaP RED	1.0	
	LJ2441R-1(2)3	HI-EFF. RED	2.2	
		SCALE 1:4  4.0"		
SCALE 1:4  4.0"	LJ4011-1(2)2	RED	—	62
	LJ4021-1(2)2	GREEN	3.8	
	LJ4031-1(2)2	YELLOW	—	
	LJ4041-1(2)2	ORANGE	4.0	
	LJ4051-1(2)2	GaP RED	2.0	
	LJ4041R-1(2)2	HI-EFF. RED	4.0	
LIGHT BAR AND 10 BAR GRAPH ARRAY				
	LB5011	RED	0.8	63
	LB5021	GREEN	3.0	
	LB5031	YELLOW	2.8	
	LB5041	ORANGE	3.2	
	LB5051	GaP RED	1.4	
	LB5041R	HI-EFF. RED	3.2	
	LB7511	RED	1.2	64
	LB7521	GREEN	4.2	
	LB7531	YELLOW	3.9	
	LB7541	ORANGE	4.5	
	LB7551	GaP RED	2.0	
	LB7541R	HI-EFF. RED	4.5	
	LL10000-R	GaAsP RED	0.5	65
	LL10000-P	GaP RED	0.9	
	LL10000-G	GREEN	1.85	
	LL10000-Y	YELLOW	1.75	
	LL10000-O	ORANGE	2.0	
	LL10000-HR	HI-EFF. RED	2.0	