

List of Character Type Models

Features

- ① An 8 bit and a 4 bit MPU interface are possible.
- ② A character generator is built in, permitting 192 special type characters, such as alphabetical letters, numbers, and kana as well as symbols to be displayed.
- ③ Optional character patterns can be displayed by the character generator RAM.
- ④ Various program type instruction functions are available.
 - Display clear, cursor home, cursor on/off, blinking display character
 - Display shift, cursor shift, display data read / write, etc.

- ⑤ It can be incorporated into the equipment as a simple, compact and lightweight module.
- ⑥ Its outstanding liquid crystal properties enable operation with a single 5V power source. (excluding broad temperature range spec. type as well as J and D types)
- ⑦ Low power consumption

	Operating temperature range	Storage temperature range	Remarks
Consumer specification	0°C~+50°C	-20°C~+70°C	TN and STN type
Broad temperature range specification	-20°C~+70°C	-30°C~+80°C	TN H type only

* Excluding types with lighting

Display Format	Series No.	Display Fonts	Character Size (W×Hmm)	Dot Size (W×Hmm)	Viewing Area (W×Hmm)	Duty	Module Dimensions (W×H×Dmm)	Weight (g)	Variation									Inverter For EL		
									TN (Normal Temp.)			TN (Extended Temp.)			STN					
									R	EL	LED	R	EL	LED	R	EL	LED			
8Characters×2line	DMC-50448	5×8Dot	2.95×4.75	0.55×0.55	30.4×13.9	1/16	40.0×35.4×8.8	20	—	—	—	—	—	—	N-E	—	—	—		
16Characters×1line	DMC-16105	5×8Dot	3.20×5.95	0.60×0.70	64.5×13.0	1/16	80.0×36.0×15.0	45	—	—	—	—	—	—	—	—	—	NY-LY		
	DMC-16106C*	5×8Dot	3.20×5.95	0.60×0.70	64.5×13.0	1/8	80.0×36.0×10.0	40	NIL*	—	—	—	—	—	—	—	—	—		
	DMC-16117A	5×8Dot	3.20×5.95	0.60×0.70	64.5×13.0	1/16	80.0×36.0×10.0	40	NIL	—	—	—	—	—	—	—	—	—		
	DMC-16128	5×7Dot+Cursor	4.84×9.66	0.92×1.10	99.0×13.0	1/16	122.0×33.0×15.7	40	—	—	—	—	—	—	—	—	—	NY-LY		
	DMC-16129	5×7Dot+Cursor	4.84×9.66	0.92×1.10	99.0×13.0	1/8	122.0×33.0×11.0	50	NIL	UE	—	—	—	—	—	—	—	—	TH-201(NEC)	
	DMC-16188	5×8Dot	6.00×14.54	1.152×1.765	120.0×23.0	1/8	151.0×40.0×14.2	40	—	—	—	—	—	—	—	—	—	NY-LY		
16Characters×2line	DMC-16202	5×8Dot	2.95×5.55	0.55×0.65	61.0×16.0	1/16	84.0×45.0×15.1	30	—	—	—	—	—	—	—	—	—	NY-LY, NYJ-LY-(D), N-LY-(B), NYU-LY		
	DMC-16204	5×8Dot	2.95×5.55	0.55×0.65	59.5×16.0	1/16	80.0×40.0×10.9	25	NIL	—	—	—	—	—	—	—	—	NY-LY		
	DMC-16205	5×8Dot	2.95×5.55	0.55×0.65	59.5×16.0	1/16	88.0×34.0×16.1	35	—	—	—	—	—	—	—	—	—	NY-LY		
	DMC-16207*	5×8Dot	2.95×5.55	0.55×0.65	61.0×16.0	1/16	84.0×44.0×11.0	50	NIL*, U*	—	—	H*	—	—	N*, N-B*	N-EB*	—	—	TH-201(NEC)	
	DMC-16230	5×7Dot+Cursor	4.84×9.66	0.92×1.10	99.0×24.0	1/16	122.0×44.0×11.0	60	NIL, U	UE	—	H	—	—	N, NY	N-EB, NU-EB	NY-LY, NYU-LY, NY-LY-(B), NYJ-LY-(D)	NS-102, TH-202(NEC)		
	DMC-16249*	5×8Dot	2.95×4.35	0.55×0.50	64.5×13.8	1/16	80.0×36.0×11.0	40	B*, UB*	—	—	—	—	—	N*	—	—	—		
	DMC-16266	5×8Dot	2.95×5.55	0.55×0.65	61.0×16.0	1/16	84.0×45.0×15.1	62	—	—	V-YGR	—	—	—	—	—	—	—		
	DMC-50097	5×8Dot	2.95×5.55	0.55×0.65	61.0×16.0	1/16	84.0×44.0×11.0	50	—	—	—	H	—	—	—	—	—	—		
	DMC-50292	5×8Dot	2.95×4.35	0.55×0.50	64.5×13.8	1/16	80.0×36.0×12.5	—	—	—	—	—	—	—	—	—	—	—	NY-LY-B	
	DMC-50747(COG)	5×7Dot	2.95×4.85	0.55×0.65	60.2×16.6	1/16	64.2×27.6×2.2	10	—	—	—	—	—	—	NF	—	—	—	—	
C-51496(COG)	5×8Dot	2.95×5.85	0.55×0.6875	56.2×12.3	1/16	65.0×27.7×1.93	7.4	—	—	—	—	—	—	GNFJ	—	—	—	—		
16Characters×4line	DMC-16433	5×8Dot	2.95×4.75	0.55×0.55	61.8×25.2	1/16	87.0×60.0×11.0	60	NIL	E	—	H	—	—	N	N-SEW-B	—	—	NS-202, TH-202(NEC)	
	C-51452(COG)	5×8Dot	3.90×6.56	0.74×0.78	75.4×31.2	1/16	81.4×42.2×2.19	16.2	—	—	—	—	—	—	GNFJ	—	—	—	—	
20Characters×1line	DMC-20171	5×7Dot+Cursor	6.70×11.5	1.30×1.30	154.0×15.3	1/8	182.0×33.5×12.6	30	NIL	—	—	—	—	—	—	—	—	—	NY-LY, NY-LY-(B)	TH-201(NEC)
20Characters×2line	C-51505(positive)	5×8Dot	3.235×5.585	0.635×0.685	83.0×18.6	1/16	116.0×37.0×15.7	43	—	—	—	—	—	—	—	—	—	—	NFJ-SLW-(AA, AC), NFJ-SLG	—
	C-51505(HPC-S adopted)	5×8Dot	3.235×5.585	0.635×0.685	83.0×18.6	1/16	116.0×37.0×15.7	43	—	—	—	—	—	—	—	—	—	—	NFQJ-LW, NFQJ-LB, NFQJ-LG, NFQJ-LR	—
	DMC-20203	5×8Dot	4.84×9.22	0.92×1.10	123.2×23.0	1/16	146.0×43.0×14.0	95	—	—	—	—	—	—	—	—	—	—	NY-LY-D, NY-LY-B	—
	DMC-20261	5×8Dot	3.20×5.55	0.60×0.65	83.0×18.6	1/16	116.0×37.0×15.7	50	—	—	—	—	—	—	—	—	—	—	NY-LY-(B), NYU-LY, NYJ-LY-(D)	—
20Characters×4line	DMC-20434	5×8Dot	2.95×4.75	0.55×0.55	76.0×25.2	1/16	98.5×60.0×11.0	65	NIL	HE	—	—	—	—	N, N-B	N-EB, N-SEW	—	—	—	NS-102, TH-202(NEC)
	DMC-20481	5×8Dot	2.95×4.75	0.55×0.55	76.0×25.2	1/16	98.5×61.0×15.6	70	—	—	—	—	—	—	—	—	—	—	NY-LY, NYU-LY, NYU-LY-(B), NYJ-LY-(D)	—
24Characters×2line	DMC-24227	5×8Dot	3.20×5.55	0.60×0.65	93.5×15.8	1/16	118.0×36.0×11.0	45	NIL	—	—	—	—	—	N-B	—	—	—	—	—
	DMC-50149	5×8Dot	3.20×5.55	0.60×0.65	93.5×15.8	1/16	121.5×33.5×16.1	98	—	—	—	—	—	—	—	—	—	—	—	NYU-LY-B
	C-51363(COG)	5×8Dot	3.20×5.85	0.60×0.6875	94.5×17.0	1/17	101.0×29.3×1.93	17	GNF-S	—	—	—	—	—	—	—	—	—	—	—
40Characters×1line	DMC-40131*	5×11Dot	3.20×8.20	0.60×0.70	152.5×16.5	1/11	182.0×33.5×11.0	75	NIL*	—	—	—	—	—	—	—	—	—	—	—
40Characters×2line	DMC-40202	5×8Dot	3.20×5.55	0.60×0.65	152.5×16.5	1/16	182.0×34.5×15.1	80	—	—	—	—	—	—	—	—	—	—	—	NY-LY, NY-LY-(B)
	DMC-40205	5×8Dot	3.20×5.55	0.60×0.65	151.6×14.2	1/16	172.0×31.5×15.5	75	—	—	—	—	—	—	—	—	—	—	—	NY-LY-B
	DMC-40218*	5×8Dot	3.20×5.55	0.60×0.65	152.5×16.5	1/16	182.0×33.5×11.0	80	NIL*	—	—	—	—	—	NY*, N-B*	N-EB*, NY-EB*, N-SEW-B*	—	—	—	NS-102, TH-202(NEC)
	DMC-40267	5×8Dot	3.20×5.55	0.60×0.65	152.5×16.5	1/16	182.0×34.5×15.1	110	—	—	—	—	—	—	—	—	—	—	—	NY-LY
40Characters×4line	DMC-40457	5×8Dot	2.78×4.89	0.50×0.55	147.0×29.5	1/16	190.0×54.0×11.0	100	NIL	—	—	—	—	—	N	N-EB, N-SEW-B	NY-LY, NY-LY-(B), NYJ-LY-D	NS-104, TH-204(NEC)		

Note: 1) The model, power consumption and weight are indicated, by representing the name and numerical value of the reflected types among the variations of the same pattern. (However, excluding non-reflected types) Contact us for specifications of variation models.
 2) None: TN (consumer specification)
 J: Improved 2-power, low temperature response model

[Handling precautions] 1) Our products are manufactured for use in general electronic equipment (OA equipment, communication equipment, measuring instrument, AV equipment, etc.). Strictly observe the cautions shown in the individual specifications with respect to the method of use and handling. Do not use the product for purposes (medical equipment (directly related to human life), nuclear power control equipment, fire prevention equipment, etc.) that need extremely high reliability. Contact our sales office when you intend to use the product for purposes other than what we intend.
 2) We will not take responsibility for various problems of industrial property rights arising from use of our products, which are not directly related to the structure or manufacture of the products.