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DPY-1114

Add-on display kit to TEC controllers

The DPY-1114 is an add-on display kit for TEC Family Peltier controllers. The format and information to be displayed can be freely chosen using the TEC Configuration Software. This includes all available parameters such as temperature, voltage, current, and status.

This ready-to-use kit including a cable and connector is particularly suitable for standalone operation of single- or dual-channel controller setups.

HIGHLIGHTS

- 4 × 20 Char OLED Display
- Yellow characters
- Cable length: approx. 50 cm
- Supported devices: TEC-Family Peltier Controllers (TEC-1089, TEC-1090, TEC-1091, TEC-1092 (only when used with EVL-1093), TEC-1122, TEC-1123, TEC-1161-xx, TEC-1162, TEC-1163, TEC-1166, TEC-1167)
- **Required Firmware Version:** ≥ v4.10
- Configuration information is provided in the TEC-Family user manual.

Trial Device & Technical Support

Trial devices and technical support are available for evaluation projects.
Please contact support@meerstetter.ch or visit our support center.

RELATED PRODUCTS

Model	Type	Size	Description
TEC Controllers	Device	–	TEC controller to connect the display
DPY-1113	Display	2 × 16 Char	smaller display
DPY-1115	Display	2 × 16 Char	blue characters, smaller size

See the full product overview in the Meerstetter Engineering's Product Compatibility section.

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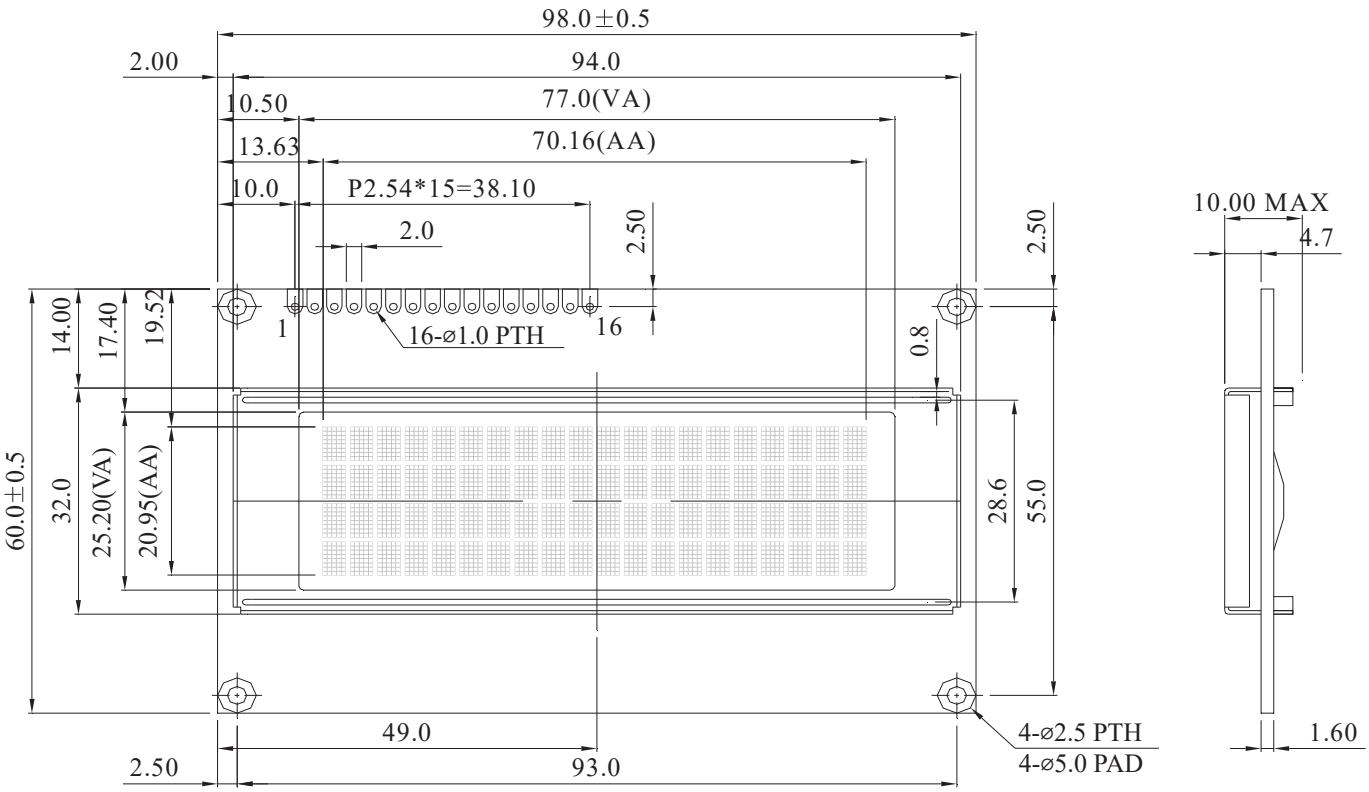
1 MECHANICAL DATA



Units in millimeter

2 ALL MEERSTETTER ENGINEERING PRODUCTS

2.1 Meerstetter Engineering's Product Compatibility

The Laser Diode Drivers and TEC Controllers from Meerstetter have been developed to work along with each other. They share the same platform bus, communication protocol and hardware architecture. See the following table for an overview of the Laser Diode Drivers and TEC Controllers from Meerstetter Engineering:

Model		Output	Description
Laser Diode Drivers			
LDD-1321		0–1.5 A / 0–14 V	CW, Add-on TEC Controller available
LDD-1301		0–20 A / 0.5–45 V	1 ms – CW
LDD-1303		0–20 A / 1–120 V	1 ms – CW
LDD-1137		0–75 A / 0–70 V	1 ms – CW
LDD-1124		0–1.5 A / 0–15 V	CW, modulated modes
LDD-1121		0–15 A / 0–15 V	1 µs – CW, modulated, QCW and pulsed modes
LDD-1125		0–30 A / 0–27 V	1 µs – CW, modulated, QCW and pulsed modes
TEC Controllers			
Single-Channel Models	TEC-1092	±1.2 A / ±9.6 V	Micro
	TEC-1091	±4 A / ±21 V	Small
	TEC-1089	±10 A / ±21 V	Medium
	TEC-1162	±5 A / ±56 V	Medium-high
	TEC-1090	±16 A / ±30 V	Large
	TEC-1163	±25 A / ±56 V	Extra-large
Dual-Channel Models	TEC-1161-4A	2 x (±4 A / ±21 V)	Small
	TEC-1161-10A	2 x (±10 A / ±21 V)	Medium
	TEC-1122	2 x (±10 A / ±21 V)	Medium
	TEC-1166	2 x (±5 A / ±56 V)	Medium-high
	TEC-1123	2 x (±16 A / ±30 V)	Large
	TEC-1167	2 x (±25 A / ±56 V)	Extra-large

3 CHANGE HISTORY

Date of change	Version	Changed / Approved	HW Version
April 17, 2026	C	NJ / SR	
Change / Reason • Mod: Datasheet design • Add: Change history			

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