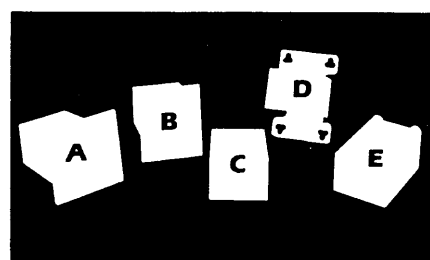
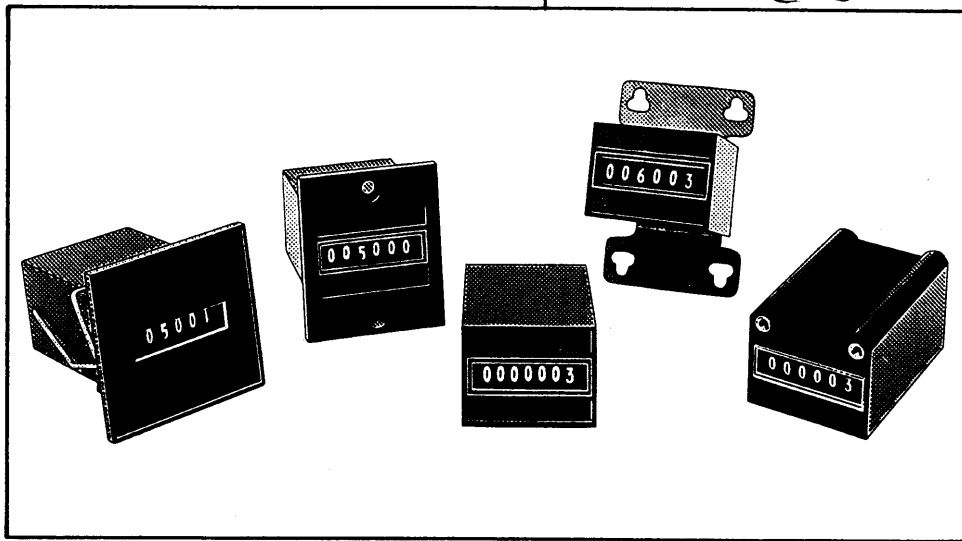




Series 7790 Electromechanical Non-reset counter

NEW
from
VEEDER-ROOT

107 326



- A — Clip Mount
- B — Panel Mount
- C — Bottom Mount
- D — Base Mount
- E — Back of Panel

Series 7790 offers all the options you ever wanted in a non-reset electromechanical counter.

Ideal for gaming, amusement and vending machines as well as for a wide variety of other applications.

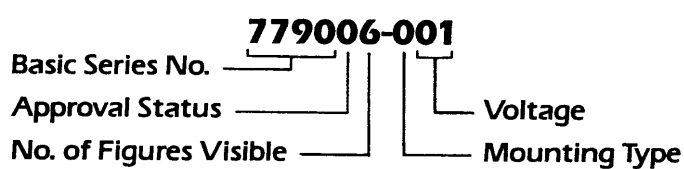
Features

- 6 or 7 figure display
- Wide range of voltage versions
- Panel, bottom, base, back of panel or clip mount.
- Shock resistant, anti-tamper construction.

Specification

- Number of Figures:** 6 or 7
- Figure Size:** .156" high, .070" wide (4.0mm x 1.8mm)
- Colour of Figures:** White on black
- Count Speed:** 600 cpm
- Minimum Count Pulse Timing:** 50 ms minimum on time and off time
- Continuous Coil Energisation:** Voltage may be applied to count coil continuously without causing damage — unlike many other counters.
- Count Life:** 10 million counts DC versions, 2 million counts AC versions under normal operating conditions at +77°F (+25°C)
- Voltage:** 24, 48, 115, 230 v-AC; 3, 4.5, 6, 10, 12, 24, 48 v-DC — with or without Diode
- Voltage Tolerance:** ± 10% or 10 volts, whichever is limiting
- Power Consumption:** 5VA AC, 1.5 VA DC
- Operating Temperature Range:** +32°F to +122°F (0° to +50°C)
- Mounting:** Base, panel, bottom, back of panel, clip.
- Connections:** # 22 AWG Black leads from bottom of counter
- Material:** Wheels, Verge and Pinions — Acetal Resin, Crystal — Polycarbonate; Case and Panel Mounting Flange — Polyphenylene Sulphide; Frame, Core, Armature and Base Mounting Flange — Plated Steel; Shafts — Brass; Springs — Music Wire.
- Net Weight:** 3.2oz (90 grams)

Form Number — Selection Table



Approval Status	Voltage	
	without Diode	with Diode
7 — CSA only	01 — 115v AC	
8 — UL & CSA	02 — 230v AC	
9 — UL only	03 — 24v AC	
0 — Standard European	05 — 48v AC	55 — 48v DC
	06 — 24v DC	56 — 24v DC
	07 — 12v DC	57 — 12v DC
	08 — 6v DC	58 — 6v DC
	10 — 4.5v DC	60 — 4.5v DC
	11 — 3v DC	61 — 3v DC
	15 — 48v AC	

*Other variants available on request.
Please quote full spec when ordering.

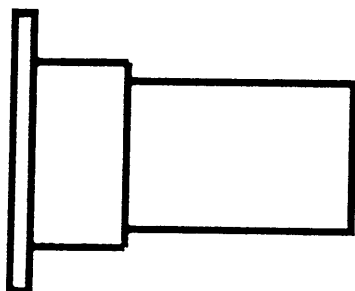
VEEDER-ROOT 7790 PANEL MOUNT COUNTERS TYPE : 779086-2xx & 779096-2xx

For many years the case of the Veeder-Root 7790 panel mount counter was moulded in two parts, a front panel and a rear case. The front panel had a rear-projecting flange, into which the rear case fitted.

The recommended panel cut-out, to accommodate the counter, was 36.5mm x 29.4mm.

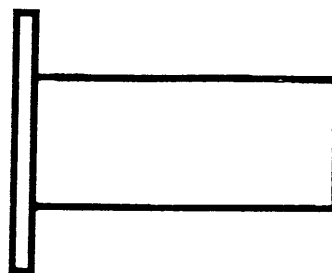
During 1998, it was decided to change the case moulding and produce the case in a one-piece mould. The result of this change meant there was no requirement for the front panel rear-projecting flange. The front panel size and fixing hole requirements remained the same.

Without the front panel rear-projection, the mounting-hole panel cut-out requirements could have been specified smaller [34x26mm]. However, because of the world-wide popularity of this counter, with millions already in use, because of large stock holdings at our factory and distributors it was decided to still recommend a panel cut-out size of 36.5mm x 29.4mm. Thus enabling both versions to be used.



V-R 779096-2xx 2 part case

Rear case : 33x25
Rear flange : 35.5x28.4
Panel cut-out : 36.5x29.4
Front panel : 45.5x38.5
Hole spacing : 35.5 [centres]

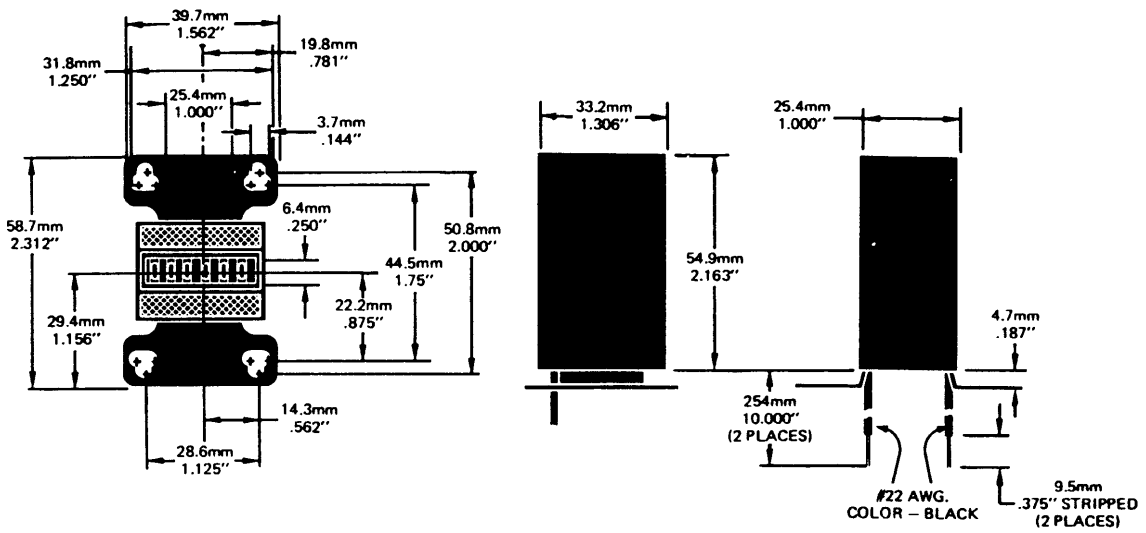


Not to scale

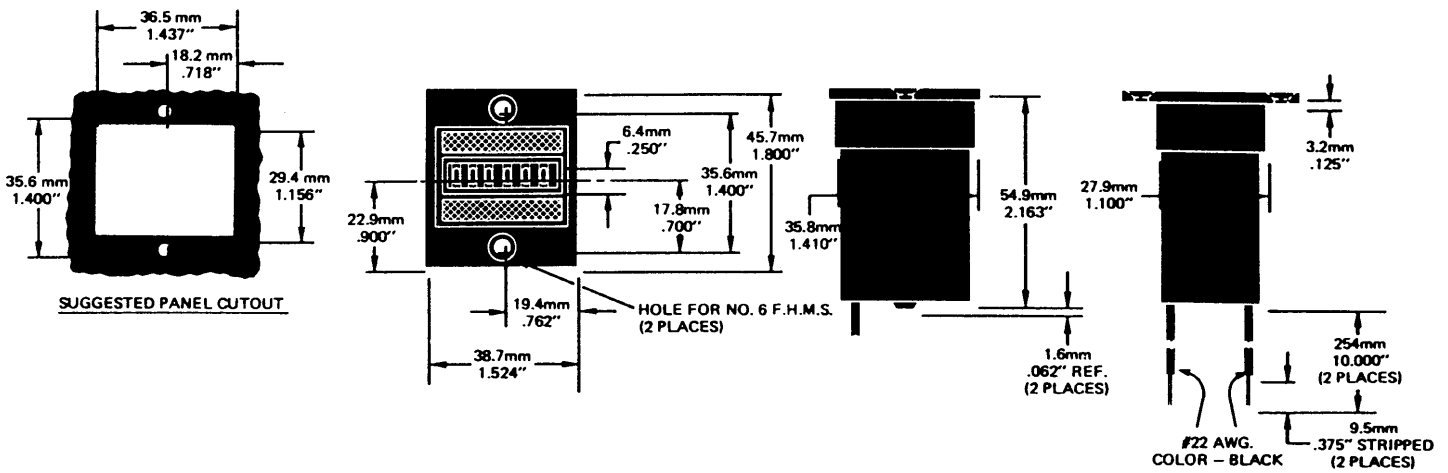
V-R 779096-2xx 1 part case

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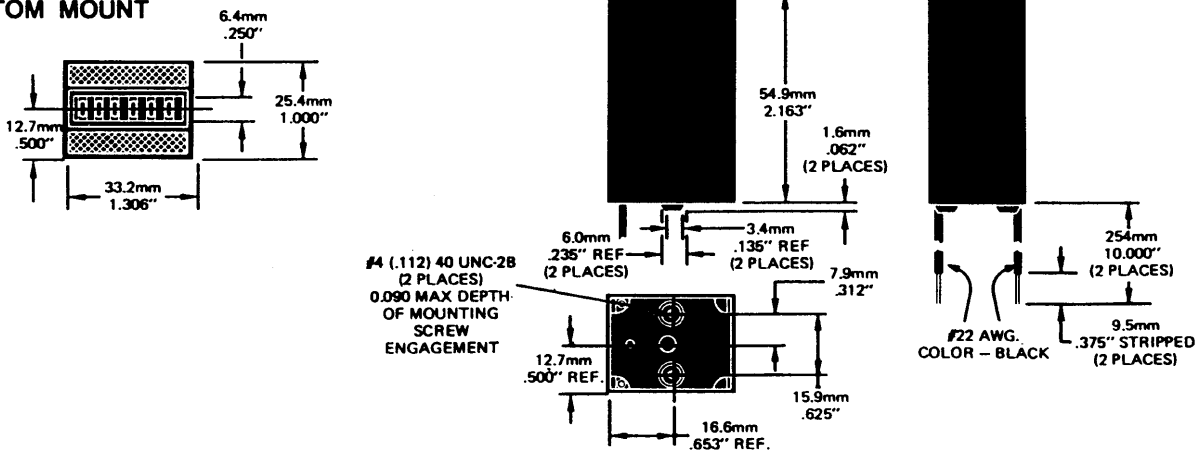
BASE MOUNT



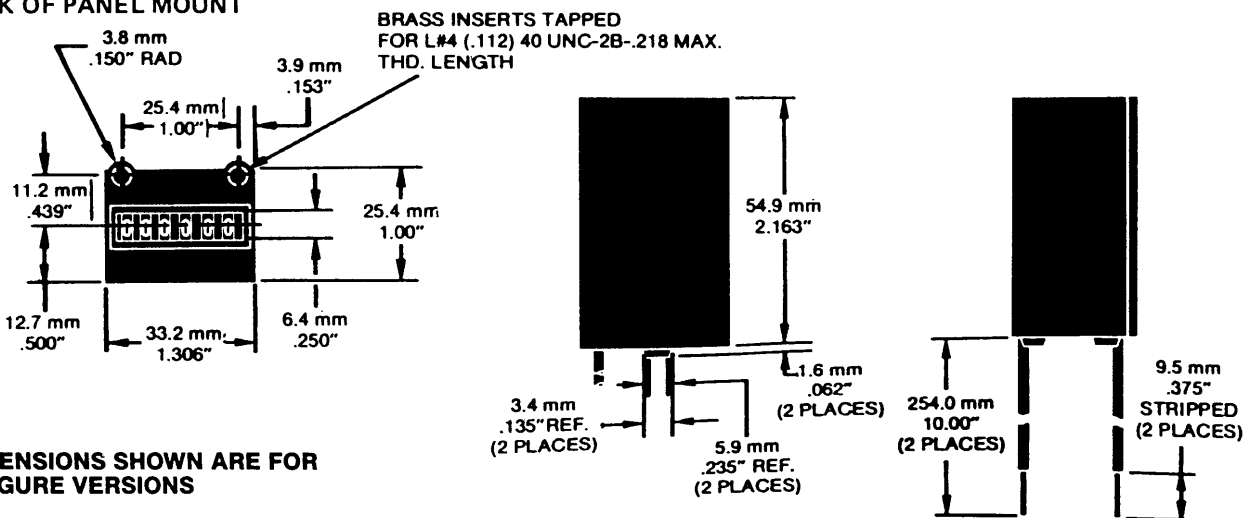
PANEL MOUNT



BOTTOM MOUNT



BACK OF PANEL MOUNT



DIMENSIONS SHOWN ARE FOR 6 FIGURE VERSIONS