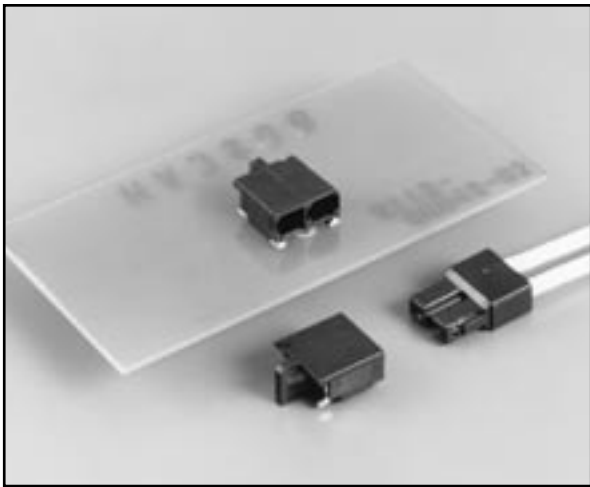


## HV SERIES CONNECTORS

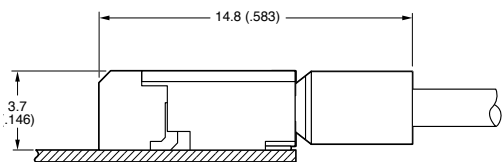
### **2.8mm (.110") Contact Spacing, PCB-to-Cable Connectors**



## FEATURES

- Low profile, 3.7mm (.146") total mated height
- SMT Pin Header  
(supplied in embossed tape for auto-mounting)
- Metal hold-down provides retention after soldering to PCB
- Boxed type pin header design prevents mismatching

### Connector Profile (Ref.)



- **Applicable Wire and Crimp Tooling**

	Part Number	AWG#
Semi-automatic Crimping Machine	CT350-2-ILZ1	#22 - #26 (0.32 - 0.12 Square)
Applicator for Semi-automatic Crimping Machine	350-ILZ1-2	#22 - #26 (0.32 - 0.12 Square)
Hand Crimping Tool	CT150-4-ILZ1	#22 - #26 (0.32 - 0.12 Square)

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The HV Series is a board-to-cable connector designed for backlight power sources and high voltage.

## GENERAL SPECIFICATIONS

Number of Contacts	2
Contact Spacing	2.8mm (.110")
Current Rating	1 Amp per contact
Dielectric Withstanding Voltage	4500 VAC r.m.s. (for one minute)
Insulation Resistance	100 megohms min.
Contact Resistance	20 milliohms max.
Operating Temperature	-40°C to +85°C
Applicable Wire Sizes	#22 ~ #26 AWG

## MATERIALS AND FINISHES\*

Description	Materials/Finishes
Pin Contact	Phosphor Bronze, Tin Plated
Pin Insulator	PPS (UL94V-0, Light Gray)
Hold Down	Phosphor Bronze, Tin Plated
Socket Housing	Glass-filled 66 Nylon (UL94V-0, Brown)
Socket Contact	Phosphor Bronze, Tin Plated

**\*Please contact JAE for lead-free product availability.**

## ORDERING INFORMATION

**HV - 2 \* - \*\* - E1400**

Series ————— HV

No. of Contacts ————— 2

2

Contact Type ————— \*

P – Pin

S – Socket

Termination ————— \*\*

HF – Right Angle

CI – Socket Housing

Embossed Tape-Pin Header ————— E1400

E1400 – 1400 pcs. per reel

Socket Contact: IL-Z-CI-A-7000

# Mouser Electronics

Authorized Distributor

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[CT150-4-ILZ1](#)