



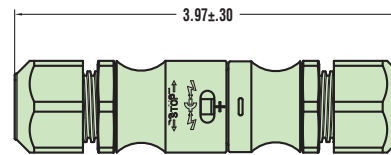
# Heyco® CPV Solar Connectors

## For Photovoltaic Wire Interconnections

- **Large cable diameter range** covers a wide range of USE-2 and 1000V PV cables.
- CPV Solar Connectors mate with Heyco Bulkhead Connectors (page 5) creating a liquid tight seal through the panel.
- Acme threads on cap to prevent skipping and speed install.
- **Connectors meet all UL cold impact requirements of -35°C test.**
- **Connectors meet all NEC requirements for solar installations.**
- Polycarbonate construction for good chemical and impact resistance.
- Rated Current: 22A (2,5mm<sup>2</sup>), 30A (4mm<sup>2</sup>-6mm<sup>2</sup>).
- Rated Voltage, 1kV DC.
- Overvoltage category III.
- Pollution degree, 3.
- Crimped terminal connections.
- Non-rewireable conductor connections.
- Reference to DIN V VDE V0126-3:2006.
- RoHS and REACH compliant.
- UL recognized under file E344722.
- TUV certification No. R60033714.
- **U.S. Patent No. 8398419B2.**

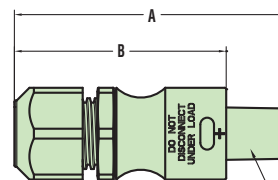
CABLE DIA. RANGE				PART NO.	DESCRIPTION	PART DIMENSIONS					
Min Dia		Max Dia				Black	A		B		C
in.	mm.	in.	mm.		Max O.A. Length			Body Length		Wrenching Flats	
					in.	mm.	in.	mm.	in.	mm.	
.260	6,6	.315	8,0	<b>S6350</b>	CPV-P-80	2.80	71,1	2.17	55,1	.94	23,9
.170	4,3	.230	5,8	<b>S6351*</b>	CPV-P-58						
.260	6,6	.315	8,0	<b>S6352</b>	CPV-N-80	2.16	54,9	1.78	45,2	.94	23,9
.170	4,3	.230	5,8	<b>S6353*</b>	CPV-N-58						

\*For TUV certification, the minimum cable diameter will be .208 in (5,3 mm).



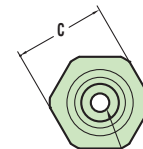
ASSEMBLED VIEW

### POSITIVE CONNECTOR



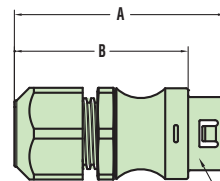
MATES WITH HEYCO S6352 OR S6353

S6350/S6351



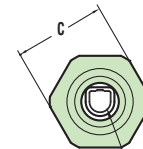
FOR USE WITH HEYCO 5837 MALE PIN

### NEGATIVE CONNECTOR



MATES WITH HEYCO S6350 OR S6351

S6352/S6353



FOR USE WITH HEYCO 7349 FEMALE BARREL



Heyco CPV Solar Disconnection Tool S6390



Heyco CPV Solar Crimping Tool S6392

Material	Polycarbonate
Certifications	Recognized under the Component Program of Underwriters' Laboratories File E344722. Certification Number R60033714.
Flammability Rating	V0
Temperature Rating	-40°F (-40°C) to 185°F (85°C)
Maximum Temperature Rating	221°F (105°C)
IP Rating	IP 65 & IP 67

# Mouser Electronics

Authorized Distributor

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[S6350](#) [S6352](#) [S6351](#) [S6353](#)