

(3,96 mm) .156"

# POWER SOCKETS

## SPECIFICATIONS

For complete specifications and recommended PCB layouts see [www.samtec.com/FHP](http://www.samtec.com/FHP)

### Insulator Material:

Black LCP

### Contact Material:

BeCu

### Plating:

Sn over 50µ" (1,27 µm) Ni

### Operating Temp Range:

-55°C to +105°C

### Insertion Depth:

(3,57 mm) .140" to (8,76 mm) .345" or pass-through from top

### Wiping Distance:

(0,38 mm) .015"

### Insertion Force:

(Single contact only)

56 oz (15,57 N) avg.

### Withdrawal Force:

(Single contact only)

52 oz (14,46 N) avg.

### RoHS Compliant:

Yes

### Processing:

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

(0,10 mm) .004" max

## RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



## ALSO AVAILABLE (MOQ Required)

- Alignment pins
- Contact Samtec.

**Note:** Some lengths, styles and options are non-standard, non-returnable.

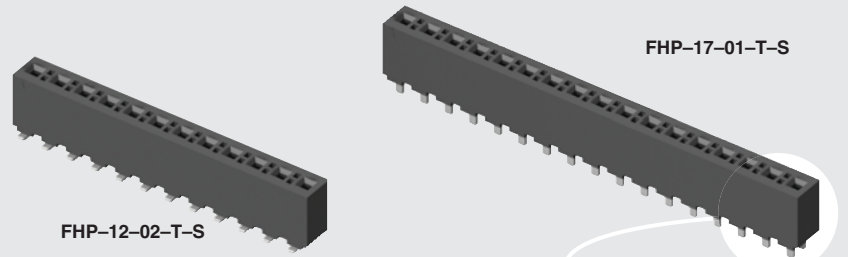
### Mates with:

FWJ, HFWJ, JW

**POWER  
EYE  
CONTACT**



| FHP/HFWJ |                              |
|----------|------------------------------|
| PINS     | CURRENT RATING (PER CONTACT) |
| 1        | 13.1 A                       |
| 2        | 11.2 A                       |
| 3        | 10.3 A                       |
| 4        | 9.2 A                        |
| ALL      | 6.7 A                        |



FHP-12-02-T-S

FHP-17-01-T-S

## FHP SERIES

