

FHP-12-02-T-S

FHP-15-01-T-S

.156" (3,96mm) POWER SOCKET FHP SERIES

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?FHP

Insulator Material:

Black LCP

Contact Material:

BeCu

Plating:

Sn over 50µ" (1,27µm) Ni

Insertion Depth:

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

Wiping Distance:

(0,38mm) .015"

Insertion Force:

(Single contact only)

56oz (15,57N) avg.

Withdrawal Force:

(Single contact only)

52oz (14,46N) avg.

RoHS Compliant:

Yes

Processing:

Max Processing Temp:

230°C for 60 seconds, or 260°C for 20 seconds 3x

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

(0,10mm) .004" max

Mates with:
FWJ, HFWJ,
JW

**POWER
EYE
CONTACT**

AMBIENT TEMP	CURRENT RATING		
	FHP(H)FWJ 2 PINS	4 PINS	FHP/JW 6 PINS
20°C	18.8A	15.2A	16.9A
40°C	16.5A	13.1A	14.6A
60°C	13.5A	10.8A	12.1A
75°C	11A	8.7A	9.9A

Surface Mount
or
Through-hole



APPLICATION SPECIFIC OPTION

Alignment pins available.
Call Samtec.

FHP

NO. OF PINS
PER ROW

02 thru 24

LEAD
STYLE

—01
= Through-hole
—02
= Surface Mount

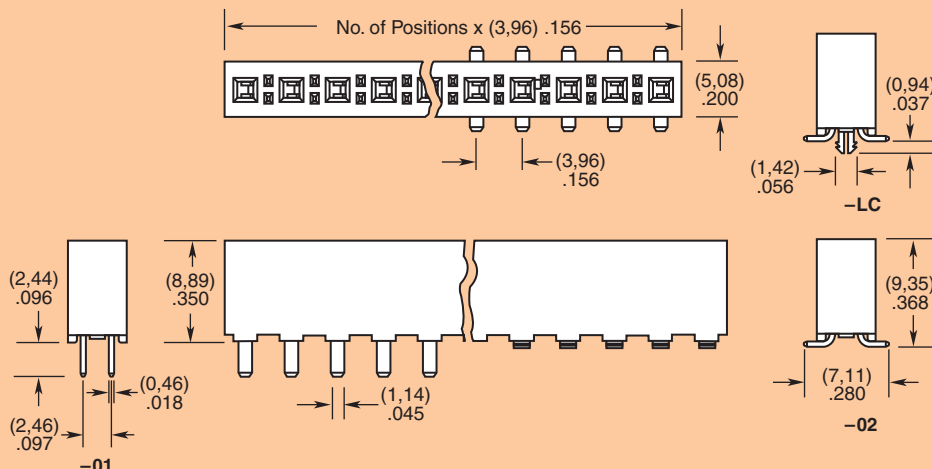
PLATING
OPTION

—T
= Matte Tin

S

OTHER
OPTION

—LC
= Locking Clip
(—02 lead style only)
—K
= (6,50mm) .256" DIA
Polyimide film
Pick & Place Pad
(—02 lead style only)
—TR
= Tape & Reel
Packaging
(Available on
positions 2-24,
2-4 positions
required in —TR)
—02 lead style only



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

Due to technical progress, all designs, specifications and components are subject to change without notice.

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