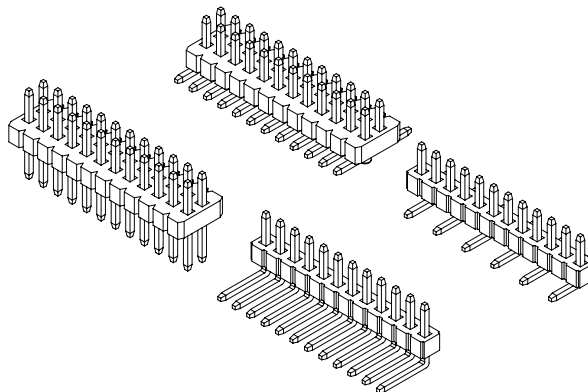
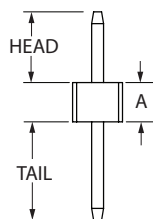
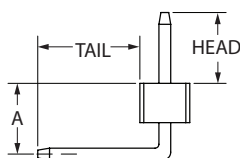
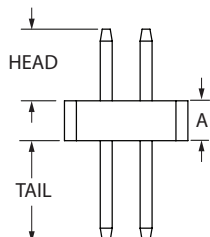
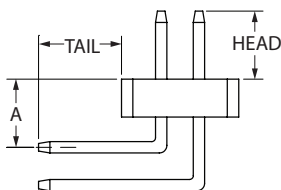
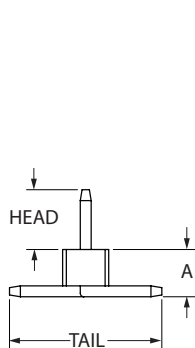
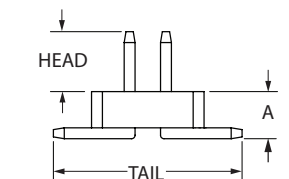
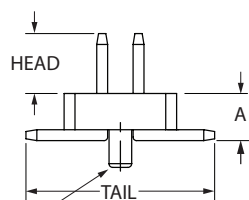


**1.00 mm [.039"] Contact Centers, Male Headers, Straight/Right Angle/SMT-SMH Series
Mates with SFM series****SPECIFICATIONS**

- 1 Amp current rating
- UL Flammability Rating: 94V-0
- Insulator Material: Black LCP
- Contact Material: Phosphor Bronze
- Insulation Resistance: 1000 Megohms Min.
- Contact Resistance: 20 milli Ohms Max.
- Dielectric Withstanding: 300 VAC
- Operating Temperature: -40°C to +125°C
- Processing Temperature: 260°C Max. for 10 seconds
- Stacker Options available - Consult factory

**TERMINATION TYPE****Straight, (ST)****Right Angle, (RA)****Straight, (ST)****Right Angle, (RA)****SMT, (SC) or (SD)****SMT Without Guide Posts, (SM)****SMT With Guide Posts, (SP)****SINGLE ROW**

EXAMPLE P/N	HEAD	TAIL	A
STRAIGHT TERMINATION			
SMH100-LPPE-S10-ST-BK	1.80 [.071"]	2.50 [.098"]	1.00 [.039"]
RIGHT ANGLE TERMINATION			
SMH100-LPPE-S10-RA-BK	1.80 [.071"]	2.60 [.102"]	1.80 [.071"]

DUAL ROW

EXAMPLE P/N	HEAD	TAIL	A
STRAIGHT TERMINATIONS			
SMH100-LPPE-D10-ST-BK	1.80 [.071"]	2.50 [.098"]	1.00 [.039"]
SMH150-LPPE-D10-ST-BK	1.80 [.071"]	2.50 [.098"]	1.50 [.059"]
RIGHT ANGLE TERMINATION			
SMH100-LPPE-D10-RA-BK	1.80 [.071"]	2.60 [.102"]	1.80 [.071"]

SURFACE MOUNT TERMINATIONS

EXAMPLE P/N	HEAD	TAIL	A
SINGLE ROW			
SMH100-LPPE-S10-SC-BK	1.65 [.065"]	4.20 [.165"]	1.30 [.051"]
SMH100-LPPE-S10-SD-BK	1.65 [.065"]	4.20 [.165"]	1.30 [.051"]
DUAL ROW			
SMH101-LPPE-D10-SM-BK	1.65 [.065"]	5.20 [.205"]	1.30 [.051"]
SMH101-LPPE-D10-SP-BK	1.65 [.065"]	5.20 [.205"]	1.30 [.051"]
SMH102-LPPE-D10-SM-BK	1.90 [.075"]	5.20 [.205"]	1.30 [.051"]
SMH102-LPPE-D10-SP-BK	1.90 [.075"]	5.20 [.205"]	1.30 [.051"]
SMH103-LPPE-D10-SM-BK	3.53 [.139"]	5.20 [.205"]	1.30 [.051"]
SMH103-LPPE-D10-SP-BK	3.53 [.139"]	5.20 [.205"]	1.30 [.051"]
SMH151-LPPE-D10-SM-BK	1.65 [.065"]	5.20 [.205"]	1.80 [.071"]
SMH151-LPPE-D10-SP-BK	1.65 [.065"]	5.20 [.205"]	1.80 [.071"]
SMH152-LPPE-D10-SM-BK	1.90 [.075"]	5.20 [.205"]	1.80 [.071"]
SMH152-LPPE-D10-			



1.00 mm [.039"] Contact Centers, Male Headers, Straight/Right Angle/SMT-SMH Series Mates with SFM series

PART NUMBER OPTIONS

SMH100 - L P P E - S 10 - ST - BK

SERIES (See Opposite Page)

SMH100 = 1.00 [.039"] Profile, 1.80 [.071"] Head Height
SMH101 = 1.00 [.039"] Profile, 1.65 [.065"] Head Height
SMH102 = 1.00 [.039"] Profile, 1.90 [.075"] Head Height
SMH103 = 1.00 [.039"] Profile, 3.53 [.139"] Head Height
SMH150 = 1.50 [.059"] Profile, 1.80 [.071"] Head Height
SMH151 = 1.50 [.059"] Profile, 1.65 [.065"] Head Height
SMH152 = 1.50 [.059"] Profile, 1.90 [.075"] Head Height

INSULATOR MATERIAL

L = LCP

CONTACT MATERIAL

P = Phosphor Bronze

CONTACT FINISH - RoHS Compliant

P = Gold Flash Overall

S = .000010" Gold on Contact Surface, Gold Flash on Termination

CONTACT CENTERS

E = 1.00 mm [.039"]

COLOR

BK = Black

TERMINATION TYPE (See Opposite Page)

ST = Straight (Single & Dual Row)

RA = Right Angle (Single & Dual Row)

SC = Surface Mount, Standard (Single Row)

SD = Surface Mount, Opposite Bend,

Applicable on Even Pin Counts (Single Row)

SM = Surface Mount without Guide Posts (Dual Row)

SP = Surface Mount with Guide Posts (Dual Row)

NUMBER OF CONTACT POSITIONS (Pins per Row)

02 thru 50

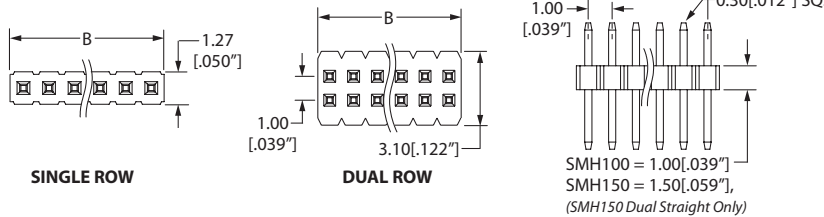
NUMBER OF ROWS

S = Single Row

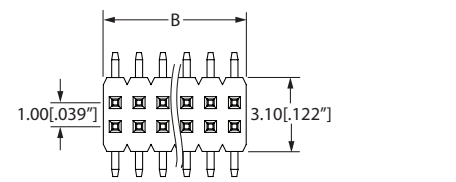
D = Dual Row

DIMENSIONS

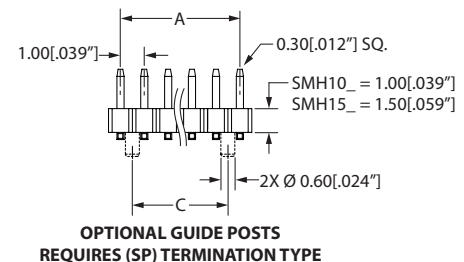
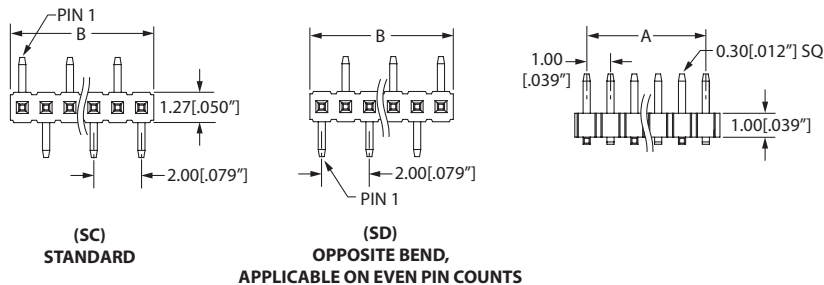
STRAIGHT (SHOWN) & RIGHT ANGLE



SURFACE MOUNT, DUAL ROW



SURFACE MOUNT, SINGLE ROW



Headers