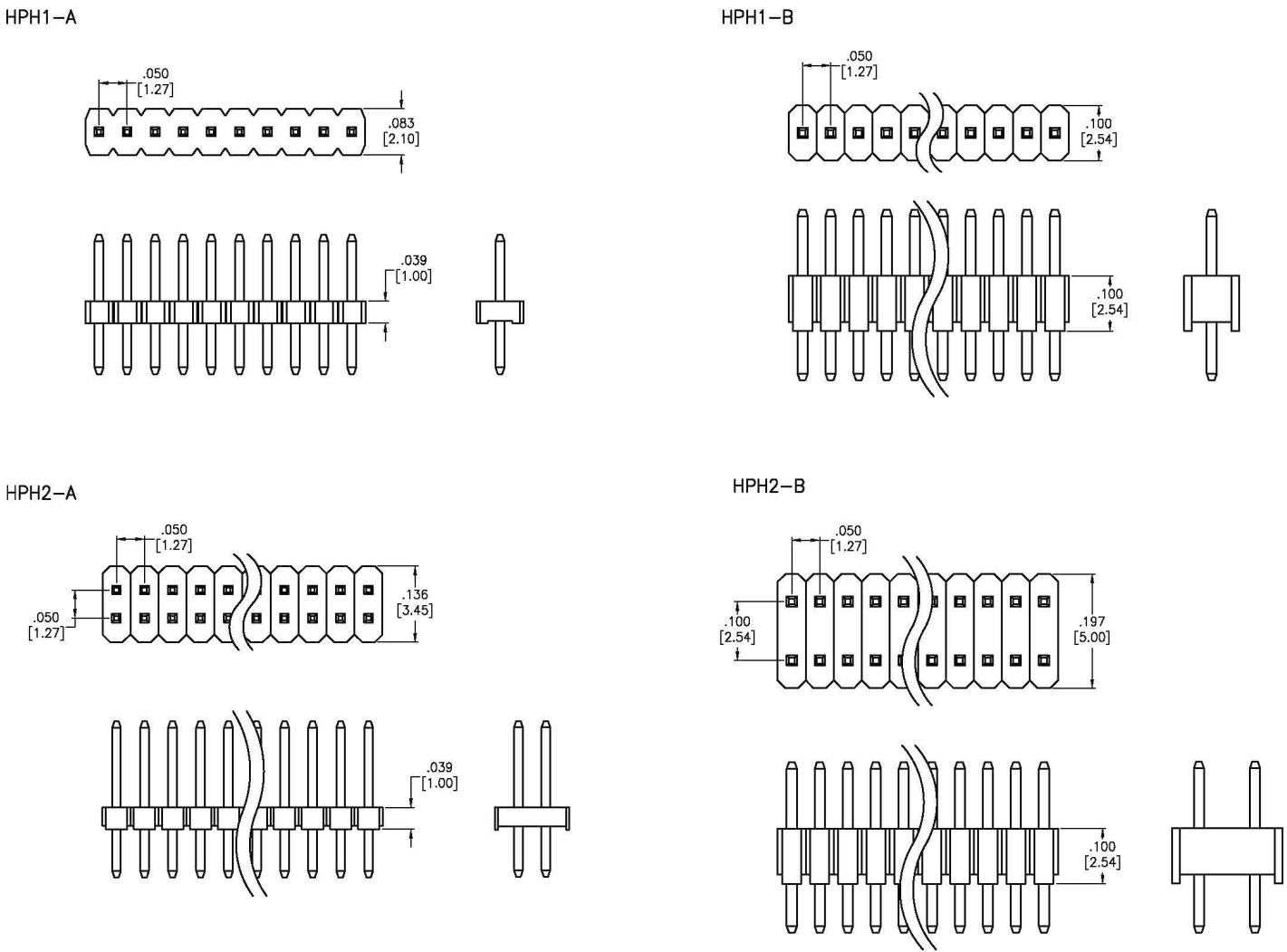


FEATURES & SPECIFICATIONS

- FEATURES:
- Single and dual row
.050" [1.27mm] pitch
Positions: 2 to 100
Solder termination
Push-pull fastening
Surface mount or through-hole mounting
Vertical or right angle
Square contacts
Various contact lengths
Insulator height options: 0.039" (1.00 mm) to 0.197" (5.00 mm)
Current rating: 1A
Voltage rating: 250 VAC
UL Recognized
- SPECIFICATIONS:
- Material:
- Standard insulator: PBT, glass reinforced, rated UL94V-0
Optional Hi-Temp insulator: Nylon 6T, rated UL94V-0
Insulator Color: Black
Contacts: Brass

- Plating:
- U = Gold over nickel underplate overall
SG = Gold over nickel underplate on contact area, tin over copper underplate on tails.
T = Tin over copper underplate overall
- Electrical:
- Operating voltage: 250V AC max.
Current rating: 1 Amp max.
Contact resistance: 20 mΩ max. initial
Insulation resistance: 5000 MΩ min.
Dielectric withstanding voltage: 1000V AC for 1 minute
- Mechanical:
- Mating durability: 500 cycles
- Temperature Rating:
- Operating temperature range: -40°C to +105°C
Soldering process temperature: 260°C
- PACKAGING:
- Anti-ESD plastic bags or tubes
Tape and Reel available for SMT option
- APPROVALS AND CERTIFICATIONS:
- UL Recognized File no. E224053



PART NUMBER CONFIGURATION										
HPH2	-	B	-	XX	-	SG	-	A	-	HT
SERIES	INSULATOR SIZE		POSITIONS		PLATING		MATING / SOLDER TAIL LENGTH		OPTIONS	
HPH1 = .050" Single Row Straight Pin Header HPH1R = .050" Single Row R/A Pin Header HPH2 = .050" Dual Row Straight Pin Header HPH2R = .050" Dual Row R/A Pin Header	A = .039" [1.0mm] Insulator Thickness Single Row or Dual Row (Pitch .050" X .050") B = .100" [2.54mm] Insulator Thickness Single Row or Dual Row (Pitch .050" X .100")		02 thru 50 = Single Row 04 thru 100 = Dual Row		SG = Selective Gold plating in contact area, Tin plating on Solder Tails U = Gold Plated T = Tin Plated		A = Standard Length B = Special Length in Inches customer specified defined as Tail length / Overall length Example: .090/.247 Note: For special Mating Length with SMT tails is defined as -SMT- XXX (-XXX is Length in Inches) Example: SMT-.118		Add designator(s) to end of part number HT = Hi-Temp Insulator for Hight Temp soldering process 260°C KT = Kapton Pick & Place Tape L = .059" [1.5mm] Insulator Height P = Locating Pegs PP = Pick & Place Cap SMT = Dual Row Surface Mount SMT-A = Single Row Surface Mount Leads Type A SMT-B = Single Row Surface Mount Leads Type B T/R = Tape & Reel Packaging	

PART NUMBER	PITCH	ROWS	PLATING	MOUNTING ORIENTATION	PRODUCT DATA
HPH1-A-XX-TA	0.050" [1.27mm]	Single Row	Tin	Vertical Through Hole	View
HPH1-A-XX-UA	0.050" [1.27mm]	Single Row	Gold	Vertical Through Hole	View
HPH1-B-XX-TA	0.050" [1.27mm]	Single Row	Tin	Vertical Through Hole	View
HPH1-B-XX-UA	0.050" [1.27mm]	Single Row	Gold	Vertical Through Hole	View
HPH2-A-XX-UA	0.050" [1.27mm]	Dual Row	Gold	Vertical Through Hole	View
HPH2-A-XX-UA-SMT	0.050" [1.27mm]	Dual Row	Gold	Vertical Surface Mount	View
HPH2-B-XX-UA	0.050" [1.27mm]	Dual Row	Gold	Vertical Through Hole	View