



**SPECIFICATIONS**

Current Rating:3Amps  
 Insulation Resistance:1000M Ω min  
 Withstanding Voltage: 1000VAC  
 Contact Resistance:20m Ω max  
 Operating Temperature:-40° C to+105° C  
 Standard:PBT  
 Contact Material:Brass  
 Contact Plating:Au or Sn Over Ni  
 Max.Processing Temp:180 °Cfor30-60second  
 (200 °Cfor10second)

**Code Description**

CH-254-PH-1-XX-254-R-138-GO-A

- (1) (2) (3) (4) (5) (6) (7) (8) (9)
- (1) Pin Spacing: 254=2.54mm  
 (2) Product Name: PH=Pin Header  
 (3) No. of Rows:1=Single 2=Dual Row  
 (4) No. of Pins Per Row:1-40  
 (5) Insulator Material  
 Height:150=1.5mm;200=2.0mm;254=2.54mm  
 (6) ContactType:S=Straight;R=Right/Angle;M=SMT  
 (7) Contact Material  
 Length:138=13.8mm;188=18.8mm;140=14.0mm  
 (8) Contact Plating:SN=Tin;GO=Gold Flash;SO=Gold  
 Flash/Tin;AU08=Au0.8u'  
 (9) Insulator Material Option:  
 A=BK-PBT;B=BK-PA6T;C=BK-PA46;D=BK-LCP;S=Special

No. of	DIN. A	DIN. B	No. of	DIN. A	DIN. B	No. of	DIN. A	DIN. B	No. of	DIN. A	DIN. B
1	0.00	2.54	11	25.40	27.94	21	50.80	53.35	31	76.20	78.74
2	2.54	5.08	12	27.94	30.48	22	53.35	55.88	32	78.74	81.28
3	5.08	7.62	13	30.48	33.02	23	55.88	58.42	33	81.28	83.82
4	7.62	10.16	14	33.02	35.56	24	58.42	60.96	34	83.82	86.36
5	10.16	12.70	15	35.56	38.10	25	60.96	63.50	35	86.36	88.90
6	12.70	15.24	16	38.10	40.64	26	63.50	66.04	36	88.90	91.44
7	15.24	17.78	17	40.64	43.18	27	66.04	68.58	37	91.44	93.98
8	17.78	20.32	18	43.18	45.72	28	68.58	71.12	38	93.98	96.62
9	20.32	22.86	19	45.72	48.26	29	71.12	73.66	39	96.62	99.06
10	22.86	25.40	20	48.26	50.80	30	73.66	76.20	40	99.06	101.6

UNLESS OTHERWISE SPECIFIED TOLERANCE  
 X :±0.3 X° :±5°  
 X.X :±0.2 X.X° :±1°  
 X.XX :±0.2 X.XX° :±0.5°

DRAWN NAME: CH-254-PH-1-XX-254-R-138-GO-A

SIZE	A4	SCALE	N:1	PRODUCT
REV	A	UNIT	mm	PROJECT
				PAGE 1/1

CHECKED	LID	DATE	05/28	CHECKED	DATE	/