

DIMENSION	LOCKING LEVER	
	L1	L2
W	2.5	7.3
X	14.55	10.90
Y	27.40	23.75
Z max.	10.5	7.0

TECHNICAL SPECIFICATION

HOUSING MATERIAL	:	GLASS REINFORCED THERMOPLASTIC UL94V0; GREY
CONTACT MATERIAL	:	COPPER ALLOY
CONTACT PLATING	:	
ACTIVE ZONE	:	FOR CODE "GS" TIN LEAD VERSION - SnPb OVER Ni FOR CODE "GS" LEAD FREE VERSION - Sn (PURE MATT) OVER Ni FOR ALL OTHER CODES - Au OVER Ni
TERMINATION ZONE	:	SnPb OVER Ni FOR TIN LEAD VERSION Sn (PURE MATT) OVER Ni FOR LEAD FREE VERSION
CURRENT RATING	:	1.5A AT 20°C
INSULATION RESISTANCE	:	≥ 1000MΩ AT 500V
CONTACT RESISTANCE	:	≤ 15mΩ
CONTACT RETENTION	:	15N Min.
DIELECTRIC WITHSTANDING VOLTAGE	:	1000Vrms
OPERATING TEMPERATURE	:	-55°C TO +125°C
REFERENCE SPECIFICATION	:	IEC 603-13 / DIN 41651

NOTES

- RIGHT POLARISATION IS NOT PROVIDED FOR 10 POSITION.
- LEFT POLARISATION IS NOT PROVIDED FOR 10 & 14 POSITIONS.
- POLARISING KEYS : 8613-4102 OR 8613-4104

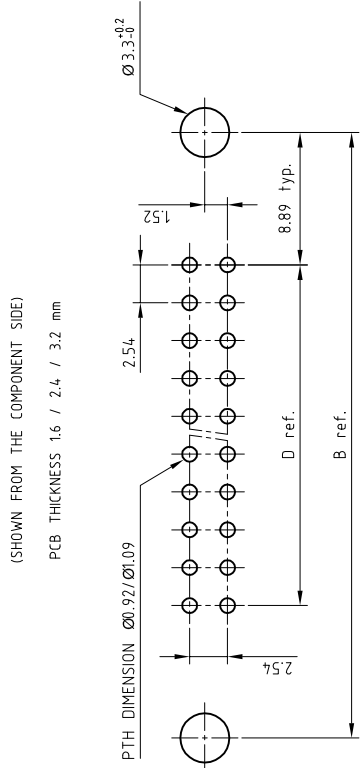
SERIES	BPH 5 B 20 A L2 N9 LF
TYPE OF INSULATOR	INSULATOR WITH CENTRE POLARISATION (10 POSITION ONLY) ----- 2
INSULATOR WITH CENTRE POLARISATION & KEY (14 TO 60 POSITIONS ONLY)	----- 5
CONTACT SPACING	2.54mm ----- B
No. OF CONTACTS	10,14,16,20,24,26,34,40,44,50,60
TERMINATION STYLE	STRAIGHT PRESSFIT TERMINAL LENGTH = 5.0 Max. ----- A
STRAIGHT PRESSFIT TERMINAL LENGTH = 6.0 Max.	----- H
LOCKING LEVER VARIATIONS	WITHOUT LOCKING LEVER ----- 00
LONG LOCKING LEVER	----- L1
SHORT LOCKING LEVER	----- L2
CONTACT ACTIVE ZONE PLATING	0.4μ SELECTIVE Au PLATING ----- BLANK
0.74μ SELECTIVE Au PLATING	----- N9
SnPb (FOR TIN LEAD VERSION) / Sn PURE MATT (FOR LEAD FREE VERSION)	----- GS
SPECIAL CODE	TIN LEAD VERSION ----- BLANK
LEAD FREE VERSION	----- LF

NOTES:

- THE "LF" PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- LEAD FREE OR RoHS DIRECTIVE LABELING TO BE PROVIDED AS PER GS-14-920 FOR LEAD FREE VERSION.

SECTION A-A

RECOMMENDED PCB HOLE CONFIGURATION



No. OF POSITION	A	B	C	D	E	F Min.
10	32.00	27.94	21.84	10.16	17.78	13.84
14	37.08	33.02	26.92	15.24	22.86	18.92
16	39.62	35.56	29.46	17.78	25.40	21.46
20	44.70	40.64	34.54	22.86	30.48	26.54
24	49.78	45.72	39.62	27.94	35.56	31.62
26	52.32	48.26	42.16	30.48	38.10	34.16
34	62.48	58.42	52.32	40.64	48.26	44.32
40	70.10	66.04	59.94	48.26	55.88	51.94
44	75.18	71.12	65.02	53.34	60.96	57.02
50	82.80	78.74	72.64	60.96	68.58	64.64
60	95.50	91.44	85.34	73.66	81.28	77.34



Mouser Electronics

Authorized Distributor

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[BPH5B50HL2LF](#) [BPH5B40HL1LF](#) [BPH2B10HL1LF](#) [BPH5B50HL1LF](#) [BPH5B26HL1LF](#) [BPH5B16HL1LF](#)