

| 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

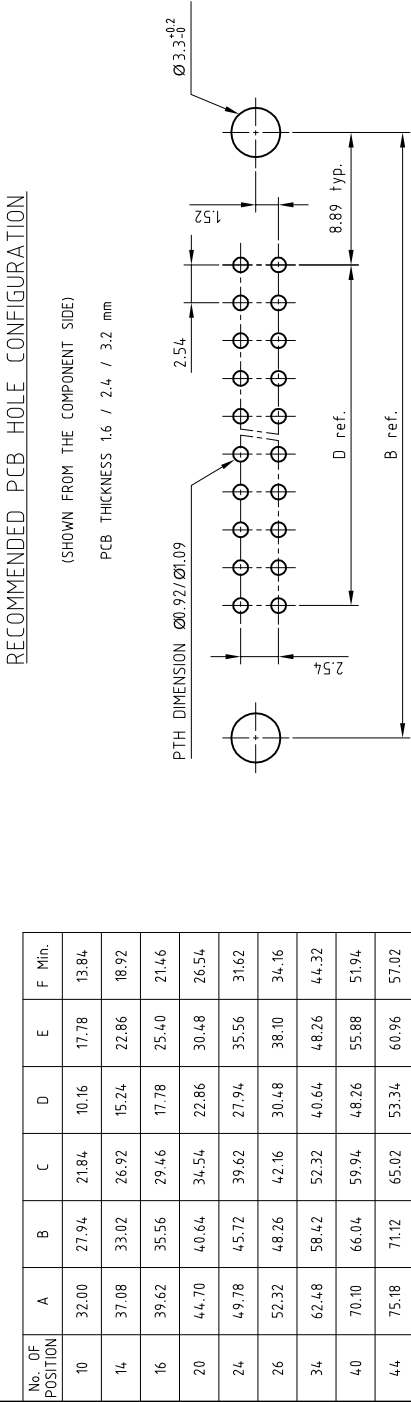
- RIGHT POLARISATION IS NOT PROVIDED FOR 10 POSITION.
- LEFT POLARISATION IS NOT PROVIDED FOR 10 & 14 POSITIONS.
- POLARISING KEYS : 8613-4102 OR 8613-4104

| | |
|--|---|
| 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



| 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 |



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