

# SPECIAL HERMETIC PRODUCTS, INC.

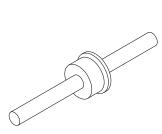
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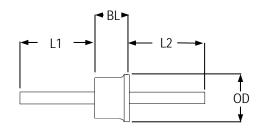
### Hi-Rel By Design

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## HERMETIC GROUND PIN FEEDTHRUS





### ALUMINUM COMPATIBLE

These hermetic ground pins incorporate the same geometric features as our glass to metal seals, thereby facilitating an extremely high reliability solder joint for high expansion materials such as aluminum in severe thermal environments. The feedthru pin facilitates grounding of internal circuits. Radius pin termination is available for connector applications. Max leak rate  $1 \times 10^{-8}$  cc/sec @ 1 atm (He).

STANDARD GROUND PIN FEEDTHRUS (1) (3) (4) (5)								
PART NO.				OTHER DIMENSIONS			MATERIAL	
SERIES	L1 ±.005	L2 ±.005	PLATING CODE <sup>(2)</sup>	OD ±.001	BL ±.002	PIN DIA. ±.0015	FERRULE	PIN
SHP1340G SHP6020G SHP74B20G SHP74B25G SHP74C20G SHP74C25G SHP74D25G SHP98A25G SHP98A30G	XXX XXX XXX XXX XXX XXX XXX XXX XXX	XXX XXX XXX XXX XXX XXX XXX XXX XXX	02 02 02 02 02 02 02 02 02 02 02	.138 .060 .074 .074 .074 .074 .074 .098 .098	.110 .050 .073 .073 .062 .062 .040 .062 .062	.040 .020 .025 .020 .025 .025 .025 .025 .030	STEEL	KOVAR or ALLOY 52

#### Example Part No: SHP74B20G-125-200-02

NOTES: (1) Seals of any desired geometry can be provided. Contact us for your special requirements.

- (2) Standard plating 50 microinches minimum GOLD per MIL-G-45204, Type III, Grade A over 200-400 microinches NICKEL per MIL-C-26074. Plating thickness is measured on pin.
  (2) Standard printermination is straight out.
- (3) Standard pin termination is straight-cut. Special pin terminations are also available (See Bulletin 100, Page 3).
- (4) See Bulletin 200 for solder preforms.
- (5) For application data see Bulletin 100, Page 2.

All dimensions are inches.