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ISO 9001:2015 Certified

HH Header Connector

These HH header connectors are designed to mate with our aluminum compatible, hermetic headers to provide highly reliable connections for rigorous environments.

The housing mounted header is easily converted to a connector by the addition of two threaded holes in the housing located in line at the ends of the header. A special adapter is available which converts one of the threaded holes into a key(4) while still providing attachment for holding the connector in place.



Hardware is captivated to prevent loss.

Connectors provide solder cups for attachment of multi-strand wires #26 and smaller. Also provided are shrink sleeves for the solder connections after soldering. If preferred, potting boots can be provided which facilitates potting after wires are attached. Connectors are available for HH2M, HH80 and HH100 series headers (see bulletin# 800).

SPECIFICATIONS

- Connector Body Material - PEEK
Screws - 303 Stainless Steel, Passivated
Pin Receptacles - Outer shell of Brass alloy 360, plated with 10 microinches Gold over Nickel. Internal contact sleeve of Beryllium Copper alloy 172, plated with 30 microinches Gold over Nickel
Rating - 3A each with maximum 10°C ΔT
Insertion Force - Nominal 40 grams for each Ø.020 pin
Extraction Force - Nominal 30 grams for each Ø.020 pin

Table with columns: SERIES, NO. OF PINS (1)(2) (2, 3, 4, 5, 6), and TERMINATION (3). Rows include CSSP-2M20, CSSP-8020, and CSSP-10025.

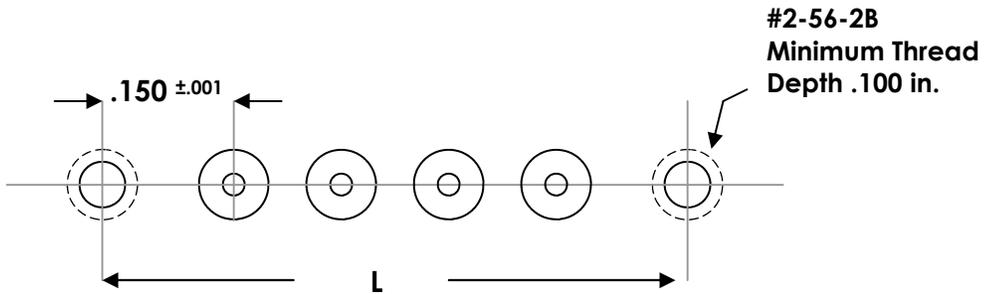
Part# Example: CSSP-8020-4P-SC

- NOTES: (1) These pin configurations provide high reliability performance over full Mil temperature range of -55 to +125°C.
(2) Connectors are available for higher pin counts but for less severe environments.
(3) Insert last 2 digits in place of XX
-SC indicates Solder Cup
-SP indicates Straight Pin for flex circuit application
(4) Connector Key Part No. : SHP-3852-1



HH Header Connector

APPLICATION DATA



SERIES	L ±.002 (Spacing)				
	2-Pin	3-Pin	4-Pin	5-Pin	6-Pin
CSSP-2M20	.379	.458	.536	.615	.694
CSSP-8020	.380	.460	.540	.620	.700
CSSP-10025	.400	.500	.600	NOTE (2)	NOTE (2)

All dimensions are inches.