MIL-H-28719  HSC SERIES 1000

NUMBERING SYSTEM

* 1007 * - SS 30 - * *

STD. PLATING: HOT SOLDER DIP (NO LETTER REQUIRED)
SPECIAL MODIFICATIONS — ELECTRODE
ELECTRODE DIAMETER (THOUSANDTHS)
ELECTRODE TERMINATIONS
SPECIAL MODIFICATIONS — BODY
BODY

BODY MATERIAL: NO LETTER - C.R.S.
SS - STNL’S ST'L
X - INCONEL
M - MONEL
K - KOVAR
T - TITANIUM
OR AS SPECIFIED

ALL TERMINALS ARE COMPLETELY DESIGNED.
MOST OF THE STANDARD TERMINALS ARE TOOLED.
PLEASE CONSULT FACTORY FOR FURTHER DETAILS.

TERMINALS

A multitude of materials, body sizes and
termination configurations makes the 1000
Series a workhorse in the single terminal
field. Small in size, but rugged under extreme
environments. Many special configurations
are available from the factory.

GENERAL SPECIFICATIONS

SEAL (HERMETICITY)
LEAKAGE RATE LESS THAN
1x10^-8 cc/sec AT 15 P.S.I.

THERMAL SHOCK
NO EVIDENCE OF DAMAGE DETRIMENTAL
TO THE OPERATION OF TERMINAL AT
-65°C (-85°F) TO +125°C (+257°F)

INSULATION RESISTANCE
GREATER THAN 10,000 MEGOHMS
AT 500 VDC PER MIL-STD-202
METHOD 302

CORROSION
TERMINALS WILL MEET SALT SPRAY
(Depending on Plating)
MIL-H-28719  HSC SERIES 1000

TOLERANCE EXCEPT AS SPECIFIED
DECIMALS ±.005  FRACTIONS ± 1/32

BODY  A   B   C   D   VOLTAGE R.M.S.
1007   .070  .082  .050  .010  500
1021   .093  .102  .055  .005  750
1011   .105  .115  .062  .005  900
1006  .112  .135  .075  .015 1200
### MIL-H-28719 HSC SERIES 1000

#### TOLERANCE EXCEPT AS SPECIFIED

- **DECIMALS**: ±0.005
- **FRACTIONS**: ± 1/32

#### .040 DIA. ELECTRODE

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DECIMALS ±.005 FRACTIONS ± 1/32
MIL-H-28719  HSC SERIES 1000  SECTION 1-6

SS93

PS93

SP93

PP93

TT93

SS93R

PS93R

SP23R

PP93R

TT93R

.093 DIA. ELECTRODE

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TOLERANCE EXCEPT AS SPECIFIED DEIMALS ±.005 FRACTIONS ± 1/32
TOLERANCE EXCEPT AS SPECIFIED
DECIMALS ±.005 FRACTIONS ± 1/32

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**.030 DIA. ELECTRODE**

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FOR .050 DIA. ELECTRODE
SPECIFY 50 AFTER LETTER (I.E. S50)

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MIL-H-28719  
HSC SERIES 1000  
SECTION 1-8

.TOLERANCE EXCEPT AS SPECIFIED
DECIMALS  ± .005  FRACTIONS  ± 1/32

.O60 O.D. x .040 I.D. TUBE

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FOR FLAT LUG ADD – 0
FOR 30° LUG ADD – 30°
FOR 45° LUG ADD – 45

HERMETIC SEAL CORPORATION
4232 TEMPLE CITY BOULEVARD, ROSEMEAD, CA 91770-1592
TEL: (626) 443-8931 / (626) 443-6610 / www.hccindustries.com