

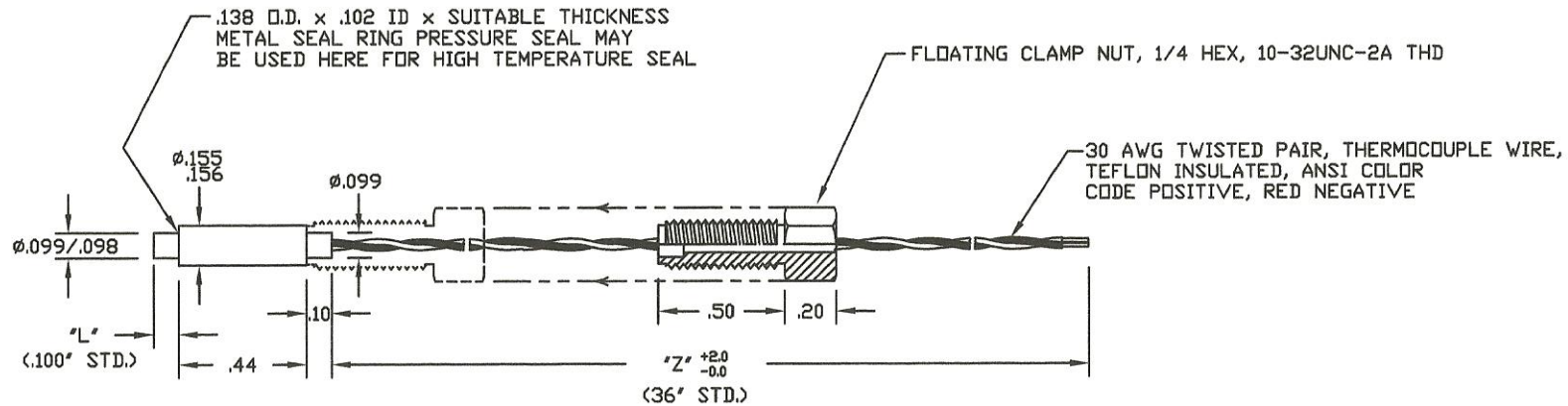


有限会社テクノオフィス

〒225-0011

神奈川県横浜市青葉区あざみ野3-20-8

TEL.045-901-9861 FAX.045-901-9522



NOTES:

1. The TCS-099-"M"- "L"- "Y"- "Z"-11044A coaxial surface thermocouple will provide microsecond response time metal wall surface temperature measurements when properly installed flush in metal wall surface. In many cases the surface temperature history may be used to compute fast response heat transfer rates. Other units may be supplied with a backside thermocouple for steady state heat transfer rate computations. Isolated or ungrounded units are also available.

2. Leadwire construction is "Z" inches of 30 AWG flexible twisted pair thermocouple wire with Teflon insulation over each conductor. A third wire is added if a backside thermocouple is specified.

3. The standard unit can be mounted in walls of 3/4" to 1" thk, extensions are available for thicker walls.

4. To order specify the following in the Part Number:

- "M" - The thermocouple material designation
- "L" - The length (Inches) of the .099" section (Range: 0-1", .100" STD.)
- "Y" - Choice of threads on the floating clamp nut:  
"A" - for 10-32UNC-2A thds, "M" - for M5X0.8 thds
- "Z" - The length (Inches) of flexible leadwire (36" STD.)

Example: A chromel/alumel thermocouple with L=.100",  
Y='A'(10-32 nut), Z=36" ls  
P/N: TCS-099-K-.100-A-36-11044A

5. See MEDTHERM Bulletin 500 for further descriptive information on MEDTHERM coaxial microsecond response surface thermocouples.

"M"	THERMOCOUPLE MATERIAL
K	CHROMEL/ALUMEL
T	COPPER/CONSTANTAN
J	IRON/CONSTANTAN
E	CHROMEL/CONSTANTAN
Fe/Ni	IRON/NICKEL

(OTHERS AVAILABLE)

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES			COAXIAL SURFACE THERMOCOUPLE MICROSECOND RESPONSE		MEDTHERM CORPORATION	
FRACTIONS ± 1/32	DECIMALS 2PL ± .02 3PL ± .005	ANGLES ± 1°				
MATERIAL NOTED			P/N: TCS-099-M-L-Y-Z-11044A		DWG SIZE	REV
FINISH			SCALE:	DES.	B 11044 A	SHEET OF
			ORIG. DWG	CHK.		
			CAD DWG 11/4/94	APP. <i>DSJ</i>		
			DR. <i>G.M.</i>			