


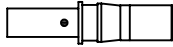
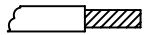


Parts list P.N. 100970

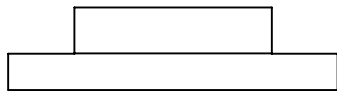
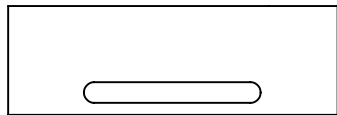


Thermocouple

-  — 1 Alumel Socket P.N. 100990
-  — 2 Chromel Socket P.N. 100980
-  — 3 TYP 7 Thermocouple cable P.N. 100770

Power

-  — 4 Power Socket P.N. 101000
-  — 5 TYP 4 Kapton Cable P.N. 100700

P.N. 100970 Connector Body

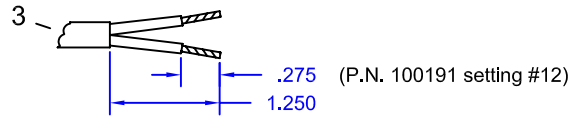
-  — 6 Top PEEK
-  — 7 Bottom PEEK
-  — 8 4-40 Vented cap screw
-  — 9 2-56 x 3/4 Flat head screw

Tools list

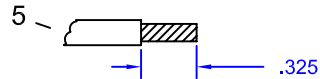
Available at www.accuglassproducts.com

- P.N. 100190 Crimp tool
- P.N. 101080 Crimp tool
- P.N. 100191 Wire Stripper

Thermocouple Cable Prep.

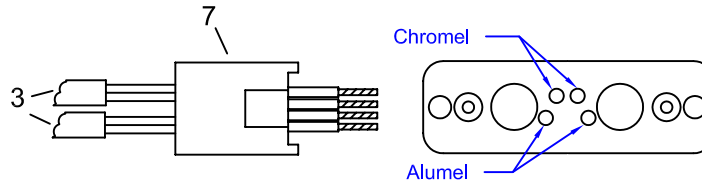


Power Cable Prep.

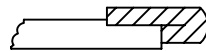


Connector Installation

1. Prepare cable to above spec's.
 2. Insert two thermocouple cables (#3) thru bottom PEEK (#7). Chromel cable leads into top row. Alumel cable leads into bottom row.
- Note : Alumel leads are magnetic, Chromel leads are not.

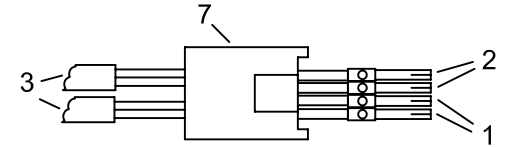


3. Fold stripped wire ends over Kapton insulation. This will help secure the sockets after crimping.

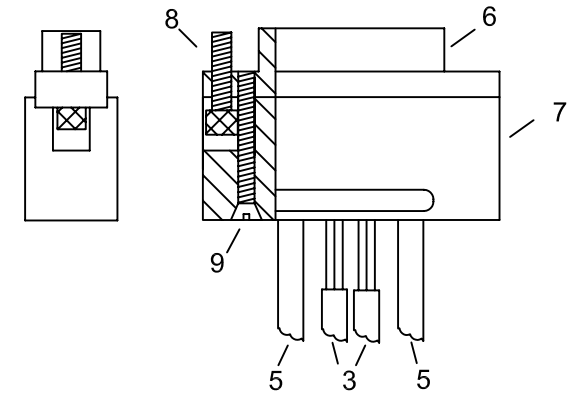


4. Crimp Alumel sockets (#1) and Chromel sockets (#2) using Crimp tool P.N.100190.

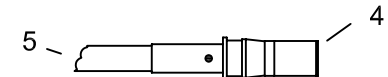
* Caution : Make sure to crimp correct socket with the appropriate wire lead. *



5. Assemble Top PEEK (#6) and Bottom PEEK (#7) using 2 Flat head screws (#9). Insert Vented screws (#8) before tightening #9.



6. Crimp Power sockets (#4) onto Kapton cables (#5) using Crimp tool P.N. 101080



7. Insert power cables thru PEEK connector, see illustration above.



Accu-Glass Products Inc.
700 Arroyo Ave.
San Fernando, CA. 91340
TEL. 818-365-4215
FAX. 818-365-7074

Notes

Material

Tolerances unless otherwise specified
Decimal Angular
.xx= +/- .005 +/- 1°
.xxx= +/- .002

Title

2 Pairs of Thermocouples and 2 power Assembly instructions

Drawn By	M.Wilson	DWG NO.	A100970	Date	4-14-08
Approved			SHEET		