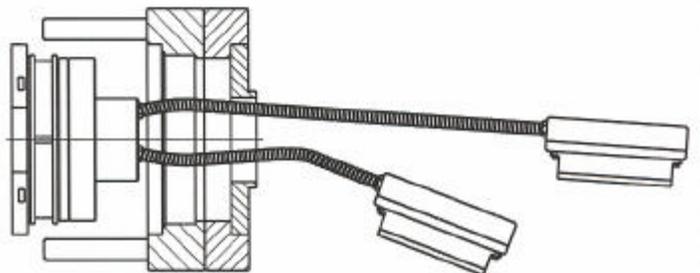
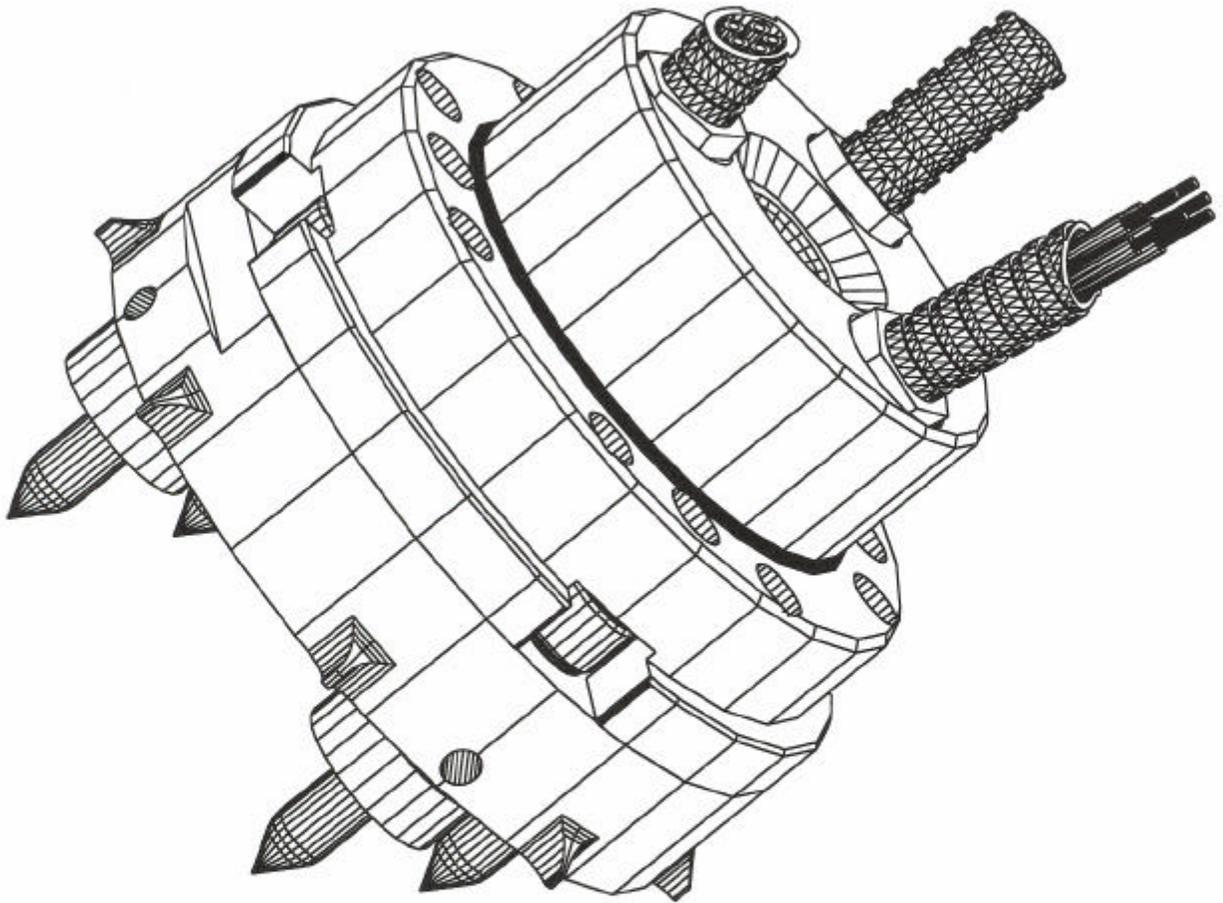
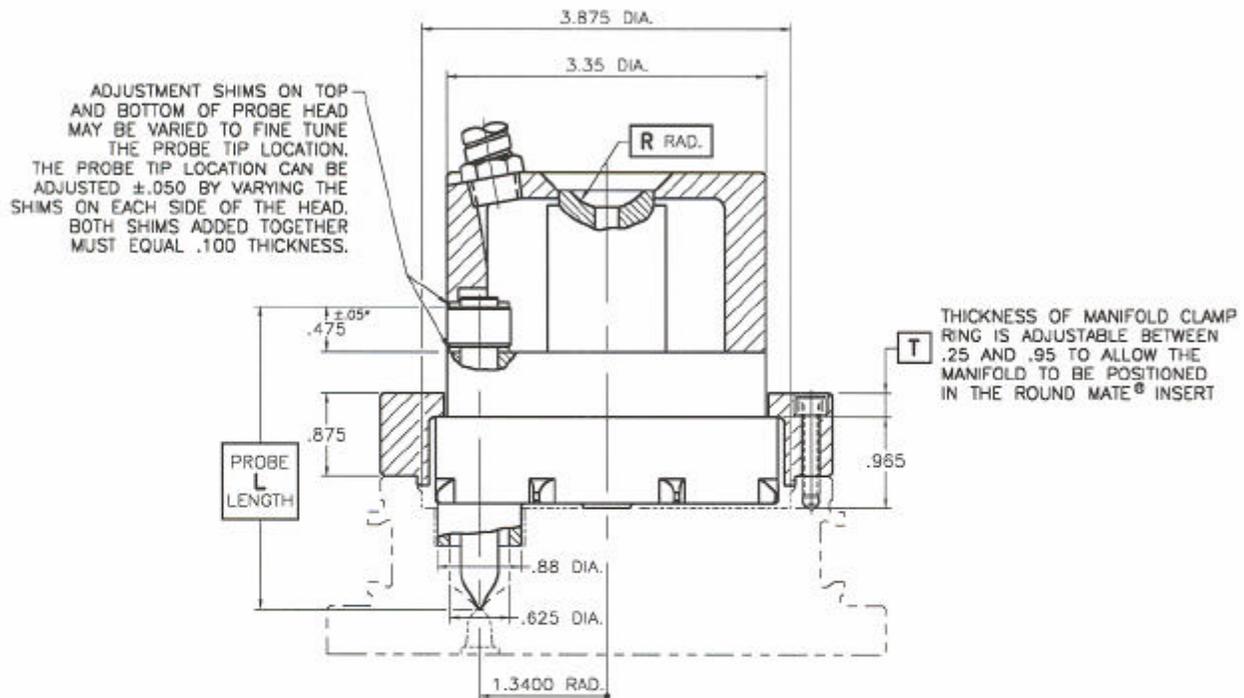


## Hot Manifold Systems



## 6" HOT MANIFOLD SYSTEM



\*  $\pm .050$  TOLERANCE RESULTS FROM SHIFTING SHIM THICKNESS ALL TO ONE SIDE OF PROBE HEAD.

## WHEN ORDERING

WHEN ORDERING A MANIFOLD ASSEMBLY, SPECIFY CATALOG NUMBER FOR DESIRED NUMBER OF PROBES.

SPECIFY PLUS OR MINUS "G" GATE LOCATION FROM DATUM LEVEL.

SPECIFY DESIRED SPRUE RADIUS "R".

SPECIFY APPROXIMATE PROCESSING TEMPERATURE FOR CALCULATING THERMAL EXPANSION OF PROBE.

SPECIFY THE REQ'D TYPE OF CONTROLLER CONNECTIONS.  
(REQ'D ZONES=NUMBER OF PROBES+1)

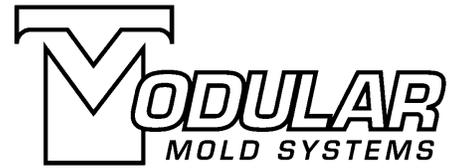
HOT MANIFOLD CONSISTS OF:

- BODY - CAP - CLAMP RING
- PROBES - BODY HEATERS - THERMOCOUPLES
- CHOICE OF CONTROLLER INPUT CONNECTORS
- ENGINEERING DRAWING PACKAGE

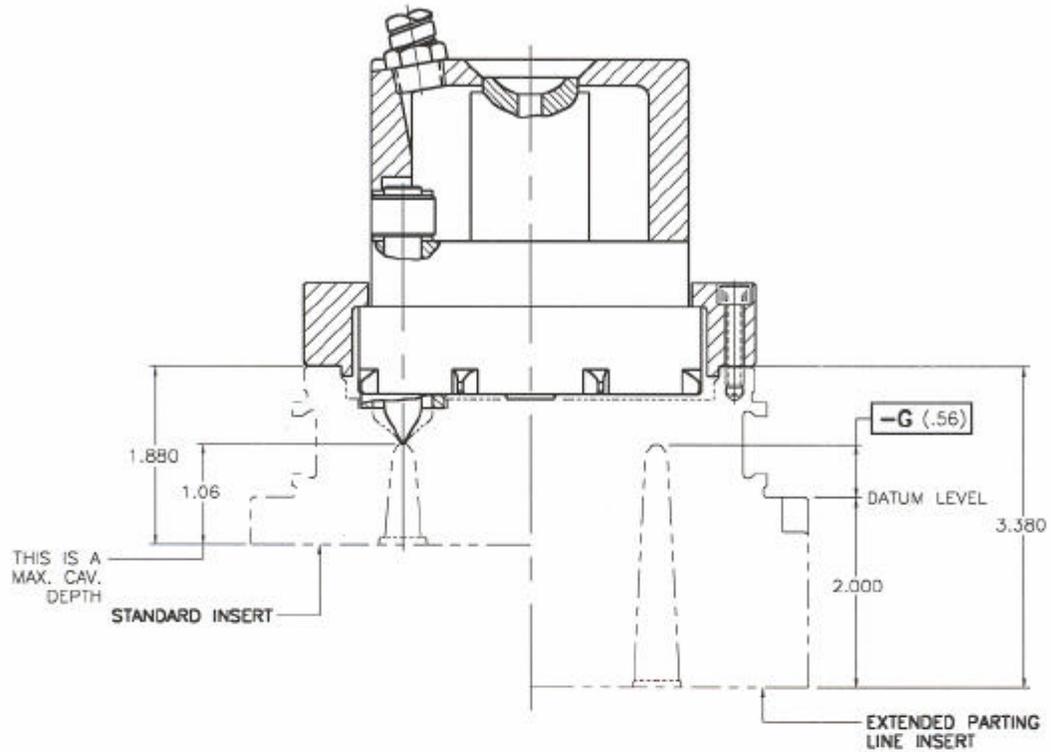
THE HOT MANIFOLD WILL BE SUPPLIED ASSEMBLED AND PRE-WIRED READY TO FIT INTO THE CUSTOMERS PARTICULAR APPLICATION.



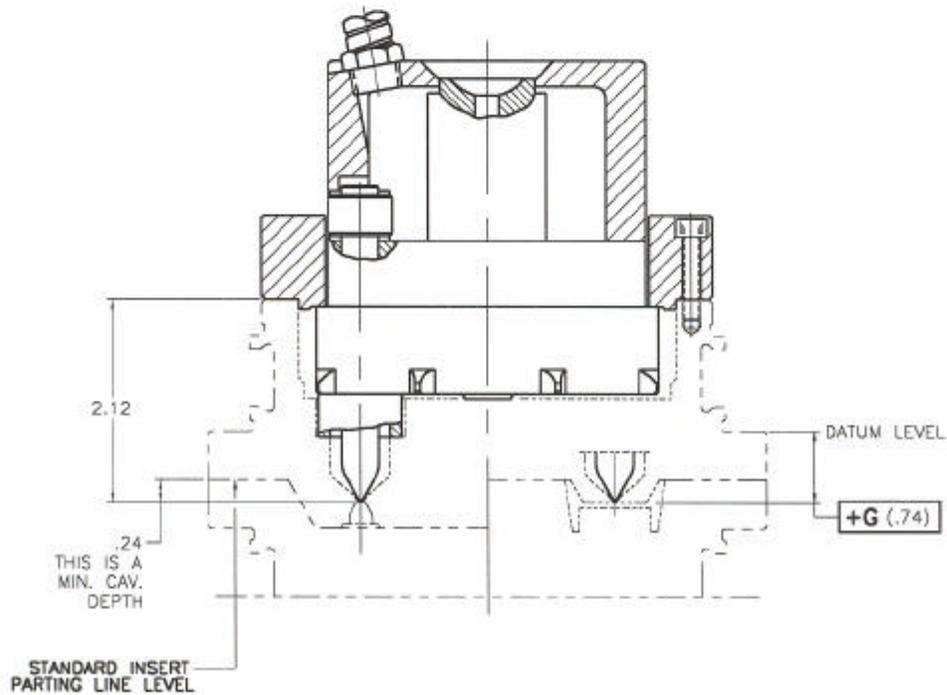
# 6" Hot Manifold Design Specifications



## RECOMMENDED MINIMUM GATE LEVEL



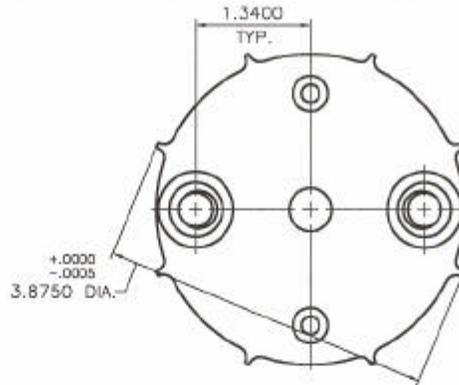
## RECOMMENDED MAXIMUM GATE LEVEL



# 6" Hot Manifold Components

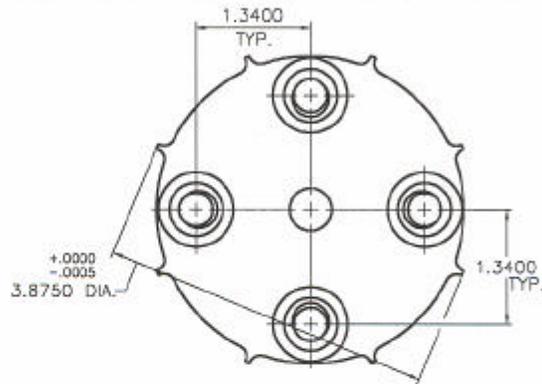
## 6" TWO PROBE HOT MANIFOLD

CAT #  
RMM-6200



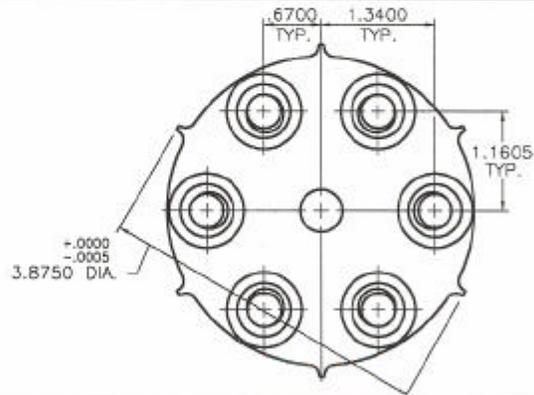
## 6" FOUR PROBE HOT MANIFOLD

CAT #  
RMM-6400



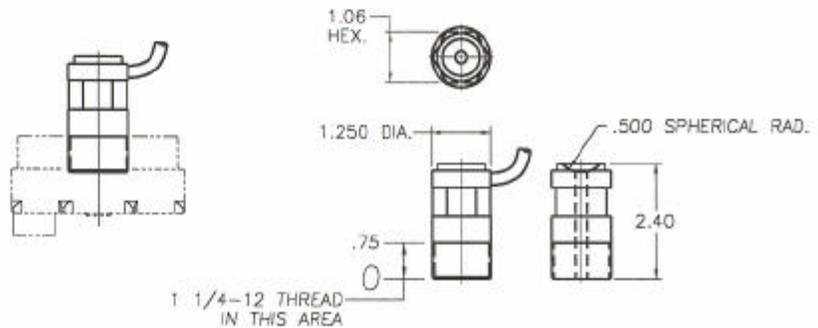
## 6" SIX PROBE HOT MANIFOLD

CAT #  
RMM-6600



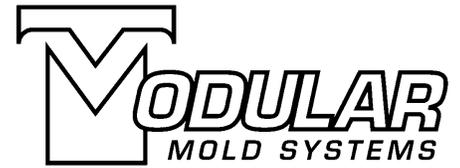
## NOZZLE BUSHING

CAT #  
RMM-6000

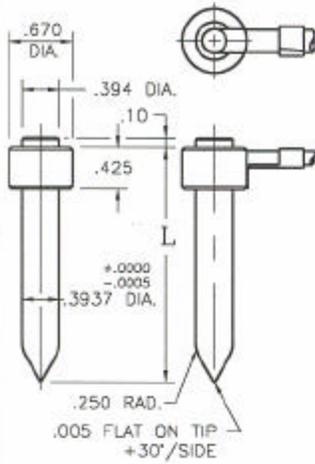




# 6" Hot Manifold Components



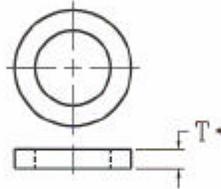
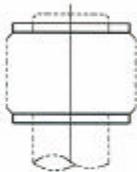
## 6" HOT MANIFOLD PROBE



CAT #	L	VOLTS	WATTS	CAT #	L	VOLTS	WATTS
RMM-8020	2.150	240	160	RMM-8027	3.200	240	190
RMM-8021	2.300	240	160	RMM-8028	3.350	240	210
RMM-8022	2.450	240	160	RMM-8029	3.500	240	215
RMM-8023	2.600	240	160	RMM-8030	3.650	240	225
RMM-8024	2.750	240	165	RMM-8031	3.800	240	235
RMM-8025	2.900	240	170	RMM-8032	3.950	240	245
RMM-8026	3.050	240	180				

MAT'L D-2  
HDN. Rc 44

## ADJUSTMENT SHIM



CAT #	T
RMM-0110	.06
RMM-0111	.11

SOLD IN  
PACKAGES  
OF 10

\* OVERSIZE FOR ADJUSTMENT

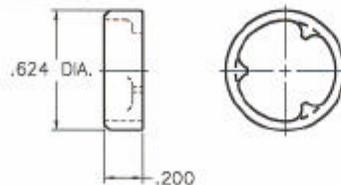
## PROBE THERMOCOUPLE



TYPE J

CAT #
RMM-0100

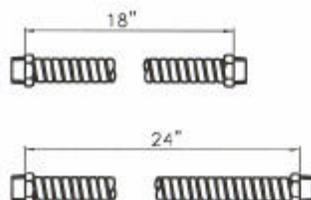
## REGISTER RING OPTIONAL



CAT #
RMM-0130

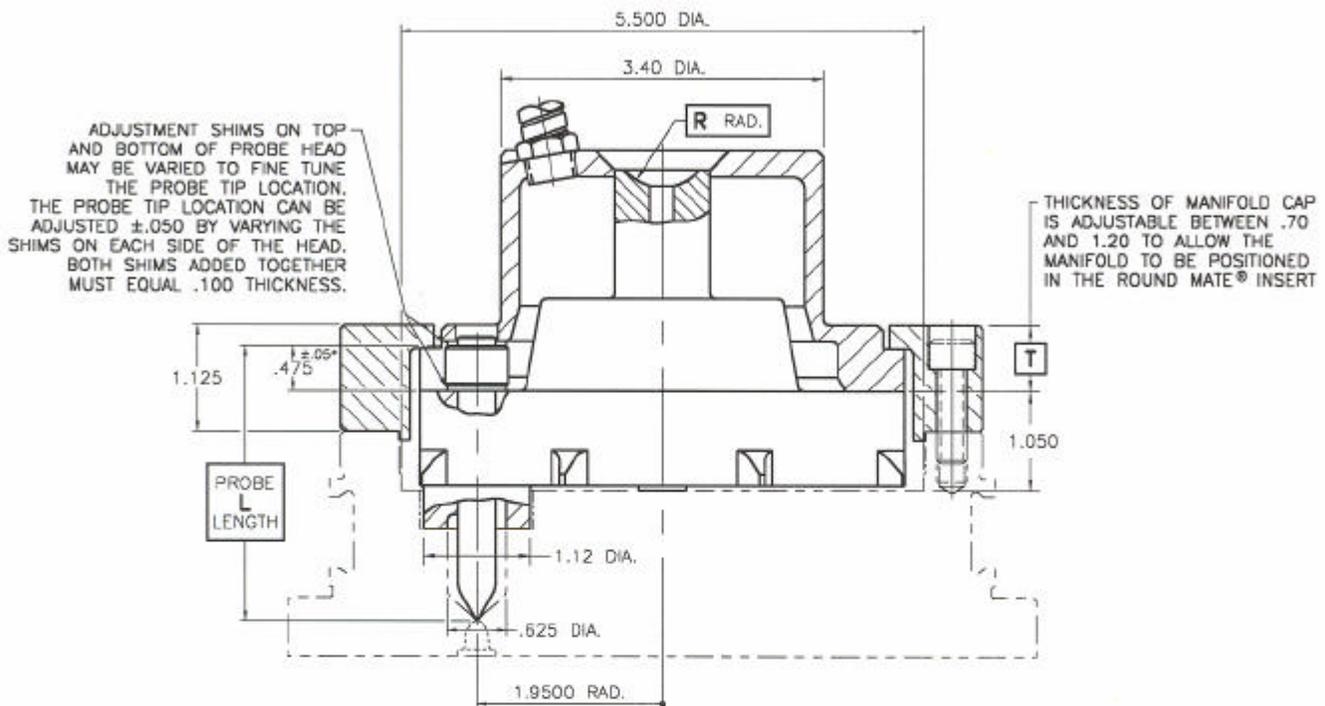
\* MUST BE ORDERED SEPARATELY

## CONDUIT



LENGTH	CAT #
18"	RMM-0124
24"	RMM-0120

## 8" HOT MANIFOLD SYSTEM



\*  $\pm .050$  TOLERANCE RESULTS FROM SHIFTING SHIM THICKNESS ALL TO ONE SIDE OF PROBE HEAD.

## WHEN ORDERING

WHEN ORDERING A MANIFOLD ASSEMBLY, SPECIFY CATALOG NUMBER FOR DESIRED NUMBER OF PROBES.

SPECIFY PLUS OR MINUS "G" GATE LOCATION FROM DATUM LEVEL.

SPECIFY DESIRED SPRUE RADIUS "R".

SPECIFY APPROXIMATE PROCESSING TEMPERATURE FOR CALCULATING THERMAL EXPANSION OF PROBE.

SPECIFY THE REQ'D TYPE OF CONTROLLER CONNECTIONS.  
(REQ'D ZONES=NUMBER OF PROBES+1)

HOT MANIFOLD CONSISTS OF:

- BODY - CAP - CLAMP RING
- PROBES - BODY HEATERS - THERMOCOUPLES
- CHOICE OF CONTROLLER INPUT CONNECTORS
- ENGINEERING DRAWING PACKAGE

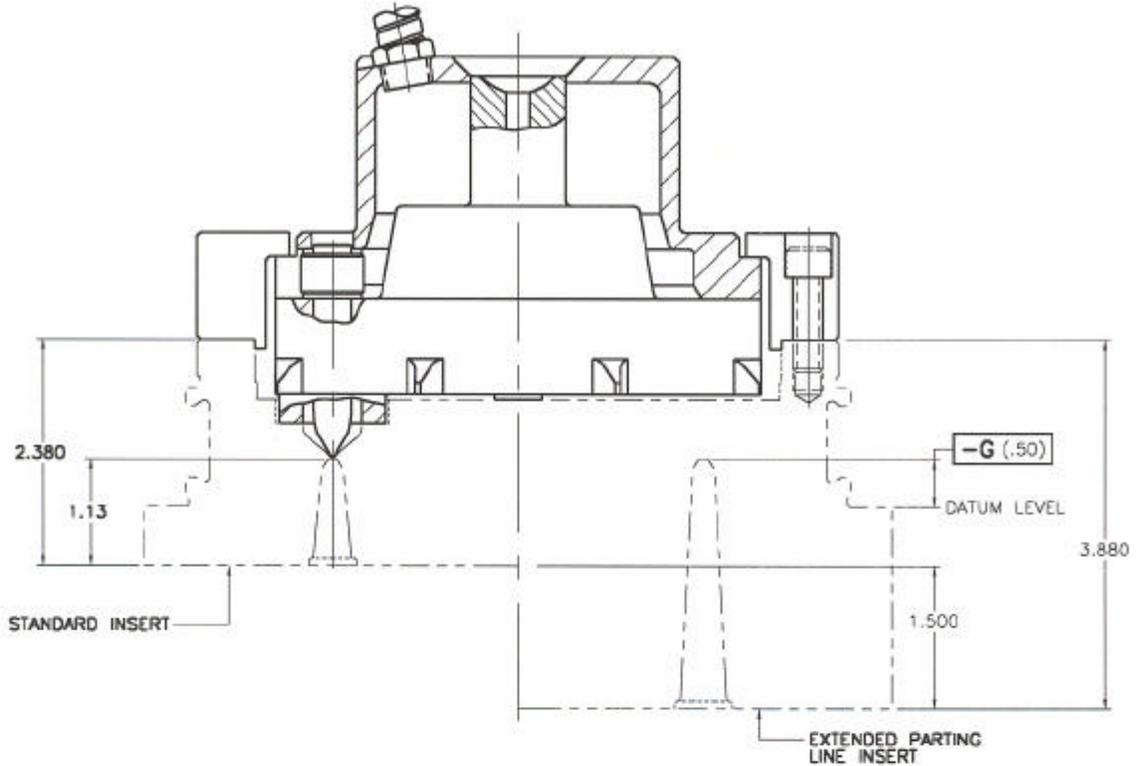
THE HOT MANIFOLD WILL BE SUPPLIED ASSEMBLED AND PRE-WIRED READY TO FIT INTO THE CUSTOMERS PARTICULAR APPLICATION.



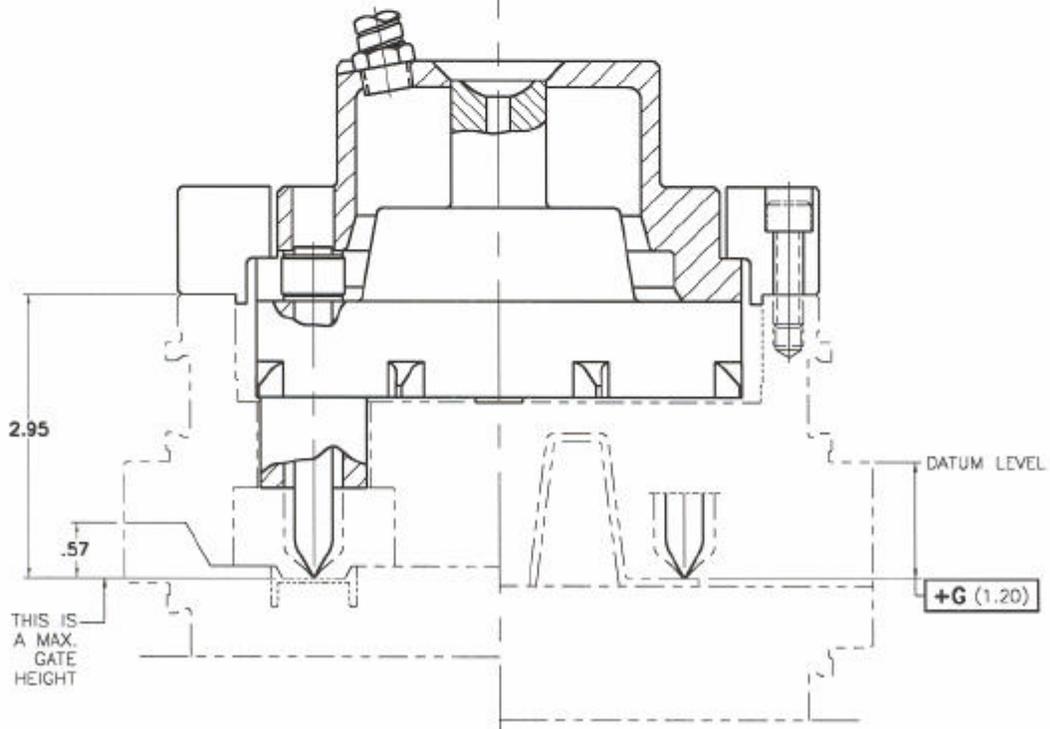
# 8" Hot Manifold Design Specifications



## RECOMMENDED MINIMUM GATE LEVEL



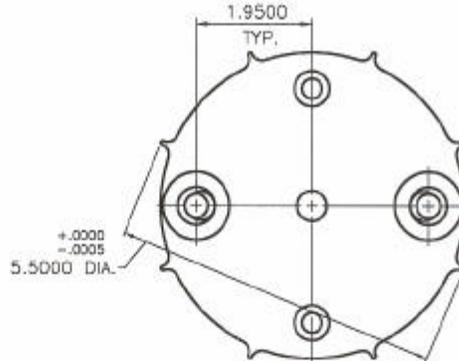
## RECOMMENDED MAXIMUM GATE LEVEL



# 8" Hot Manifold Components

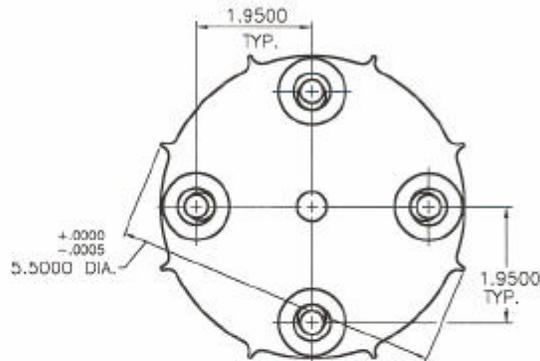
## 8" TWO PROBE HOT MANIFOLD

CAT #  
RMM-8200



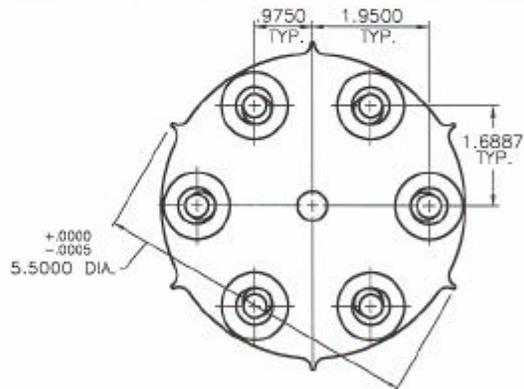
## 8" FOUR PROBE HOT MANIFOLD

CAT #  
RMM-8400



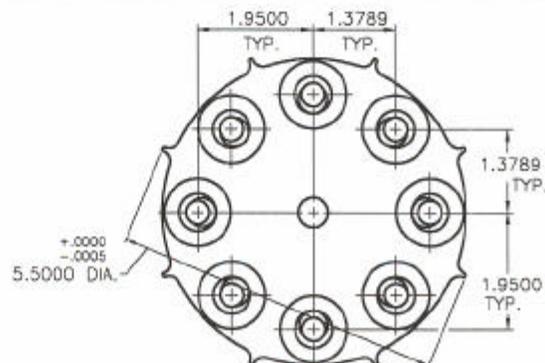
## 8" SIX PROBE HOT MANIFOLD

CAT #  
RMM-8600



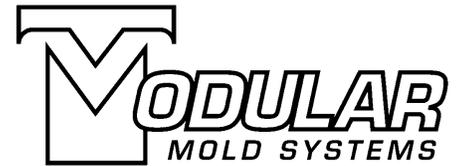
## 8" EIGHT PROBE HOT MANIFOLD

CAT #  
RMM-8800

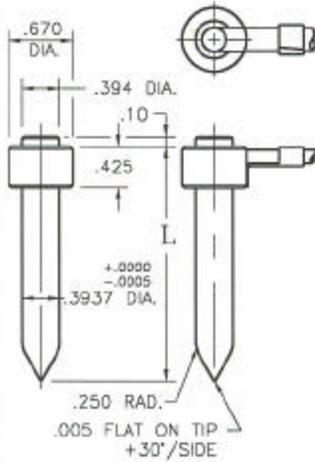




# 8" Hot Manifold Components



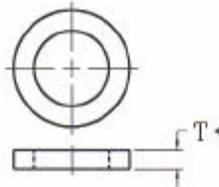
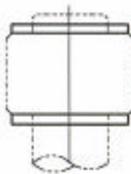
## 8" HOT MANIFOLD PROBE



CAT #	L	VOLTS	WATTS	CAT #	L	VOLTS	WATTS
RMM-8020	2.150	240	160	RMM-8027	3.200	240	190
RMM-8021	2.300	240	160	RMM-8028	3.350	240	210
RMM-8022	2.450	240	160	RMM-8029	3.500	240	215
RMM-8023	2.600	240	160	RMM-8030	3.650	240	225
RMM-8024	2.750	240	165	RMM-8031	3.800	240	235
RMM-8025	2.900	240	170	RMM-8032	3.950	240	245
RMM-8026	3.050	240	180				

MAT'L 0-2  
HDN. Rc 44

## ADJUSTMENT SHIM



CAT #	T
RMM-0110	.06
RMM-0111	.11

SOLD IN  
PACKAGES  
OF 10

\* OVERSIZE FOR ADJUSTMENT

## PROBE THERMOCOUPLE



TYPE J

CAT #
RMM-0100

## HOT MANIFOLD BODY THERMOCOUPLE



TYPE J

CAT #
RMM-0101

## HOT MANIFOLD BODY HEATER



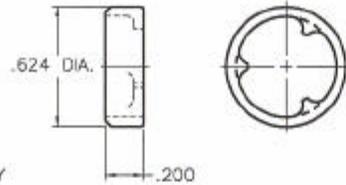
RAMA 3B24/PCF36  
3/8 DIA. x 2"  
240 VOLT  
200 WATT

CAT #
RMM-8010

# 8" Hot Manifold Components

**REGISTER RING**

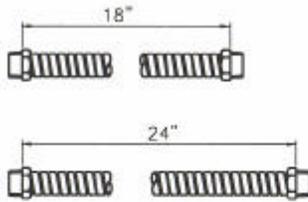
OPTIONAL



CAT #
RMM-0130

\* MUST BE ORDERED SEPARATELY

**CONDUIT**



LENGTH	CAT #
18"	RMM-0124
24"	RMM-0120

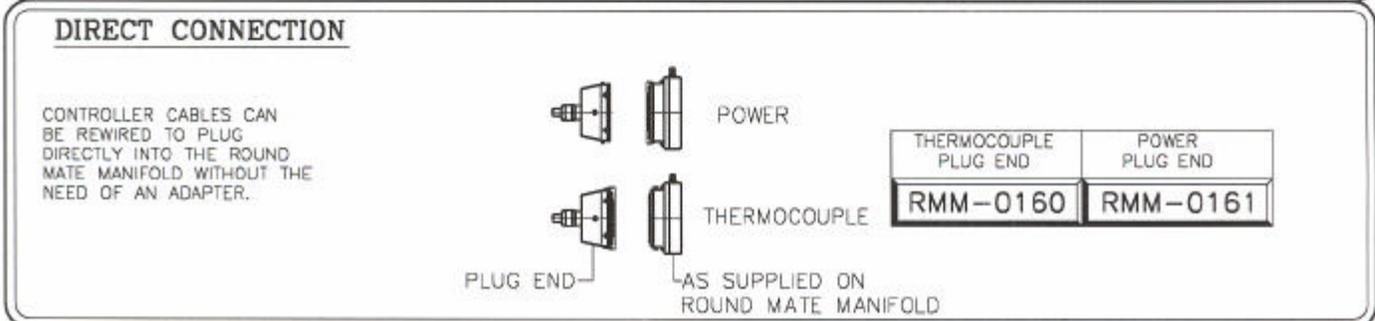
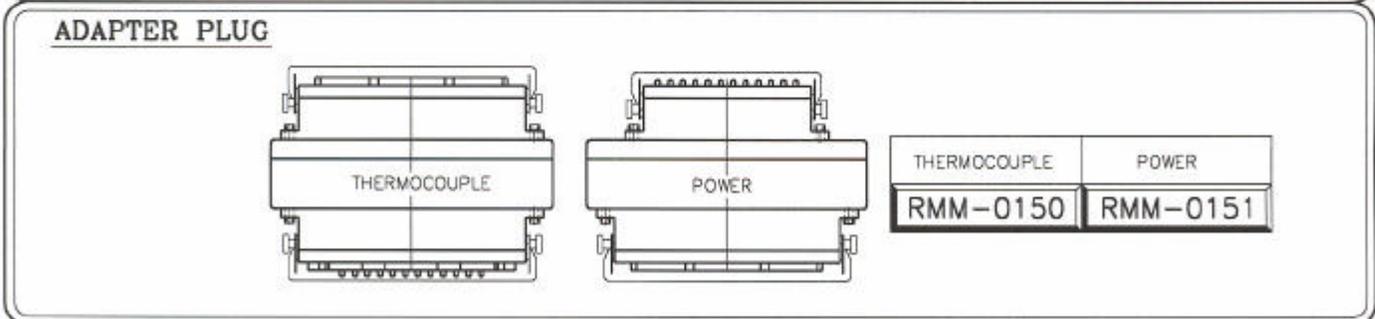
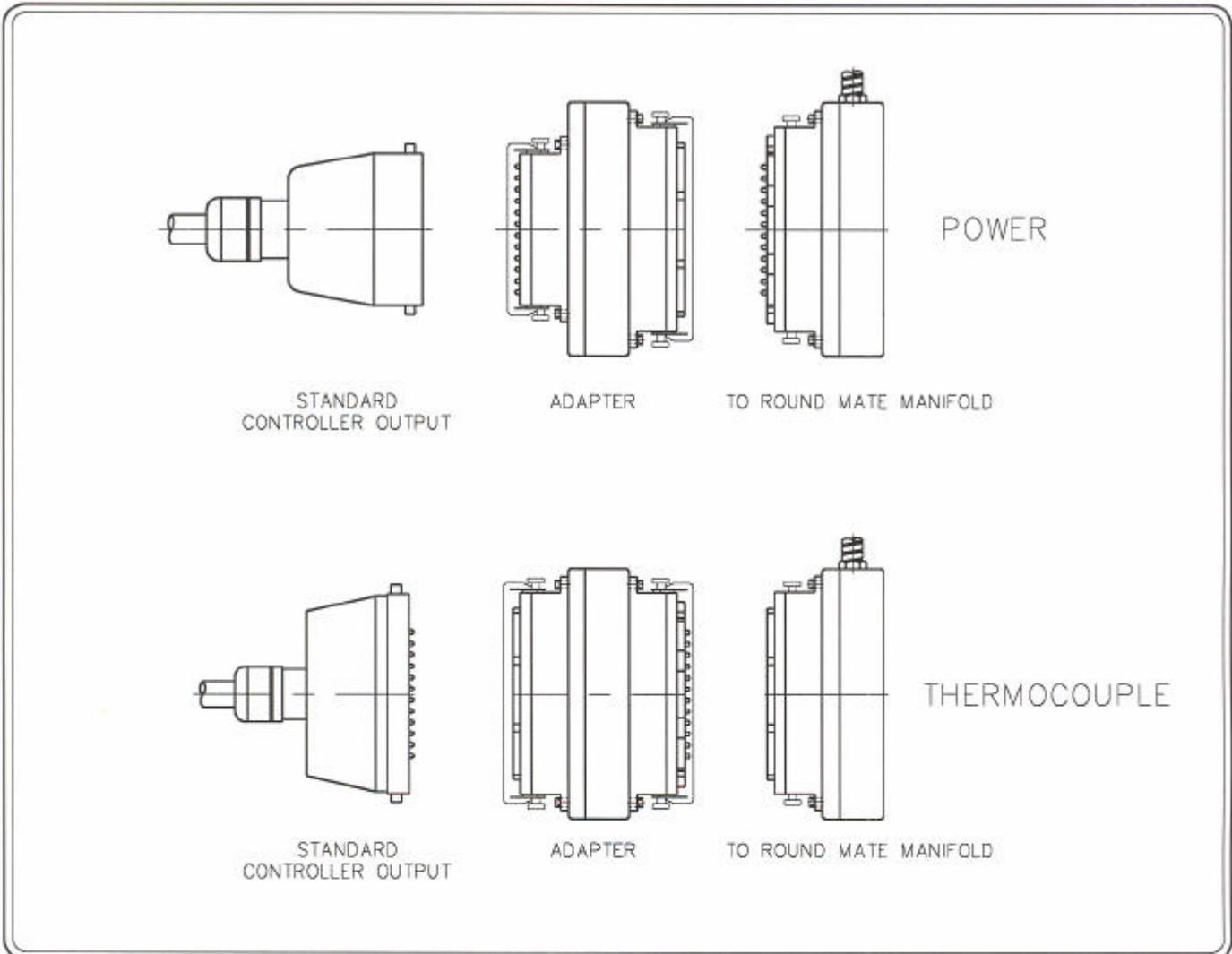
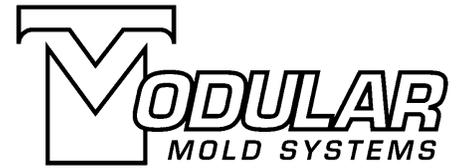
## HOT MANIFOLD SYSTEM

For Engineering  
Assistance  
Call

1-800-860-3974  
1-419-675-3334



# Hot Manifold Electrical Connections



INCLUDED WHEN YOU ORDER A ROUND MATE HOT MANIFOLD:

- CLAMP RING
- CONNECTORS
- ENGINEERING DRAWING
- PROBE & SHIMS

