

MATERIAL LEGEND		MATERIAL	
DESIGNATION		DESIGNATION	MATERIAL
[Hatched Pattern]			STN. STL.
[Cross-hatched Pattern]			ALUMINUM
[Diagonal Hatched Pattern]			COPPER, OFHC

OUTLINE DWG. VARIATION NO.	MODEL AND ASSY. VAR. NO.	POWER OPERATION	MINIMUM TEMP
266652D-C	266652D	50/60 Hz.	10K
266652D-N-C	266652D-N	50/60 Hz.	6.5K

PROJECT: expander\_ch204s

TITLE: OUTLINE DRAWING  
COLD HEAD ASSEMBLY  
CH-204S

DATE	BY	MFG.	QUAL.	ENGR.
12/17/10	KJJ	PZ	RGS	RBS
15 MAR 06	JPK	YB	RGS	ERS

Sumitomo  
(SHI) CRYOGENICS OF AMERICA, INC.

NO. 266652D-C  
SHEET 1 OF 2

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FORM NO. DD102089-A Rev. B (3/00)

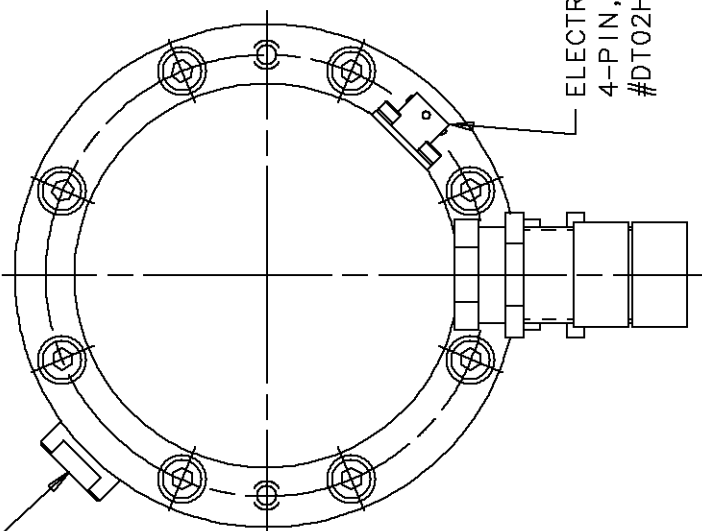
2nd STAGE HEAT STATION  
MOUNTING HOLES  
M4 x 0.7-6H THD. THRU  
(6) HOLES EQ. SPACED ON  
A  $\phi$ 1.500 [38.1 mm] B.C.

1st STAGE HEAT STATION  
MOUNTING HOLES  
M4 x 0.7-6H THD. THRU  
(8) HOLES EQ. SPACED ON A  
 $\phi$ 2.625 [66.7 mm] B.C.

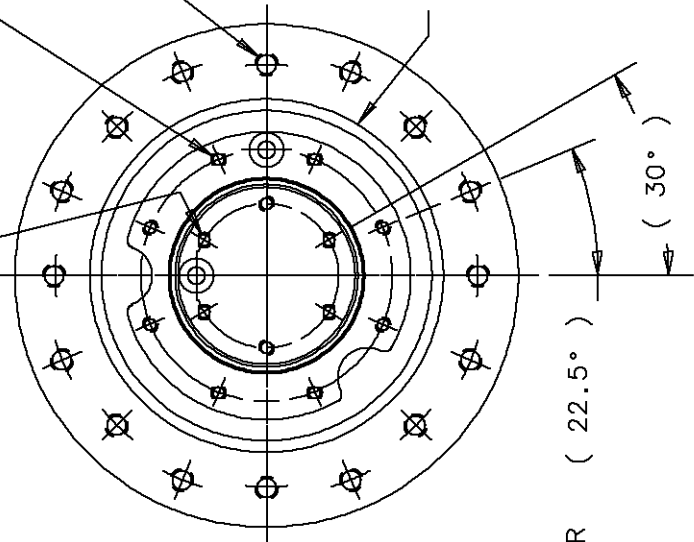
WARM FLANGE MOUNTING HOLES  
M6 x 1.0-6H THD. x  
.62 [15.7 mm] DP.  
(8) HOLES EQ. SPACED ON A  
 $\phi$ 4.409 [112 mm] B.C.

3.688 [93.68 mm] O.D. x  
3.448 [87.58 mm] I.D. x  
.072 [1.82 mm] DP.  
O-RING GROOVE  
O-RING SIZE 2-153

VARIABLE ORIFICE



VIEW Y-Y



VIEW Z-Z

ELECTRICAL CONNECTOR  
4-PIN, DETORONICS  
#DT02H-8-4PN

TITLE

OUTLINE DRAWING  
COLD HEAD ASSEMBLY  
CH-204S

REV. D



NO. 266652D-C  
SHEET 2 OF 2

REV.	CRSP NO.	DATE	BY	MFG.	YB	RGS	ERS	ENGR.
		15 MAR 06	JPK					

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