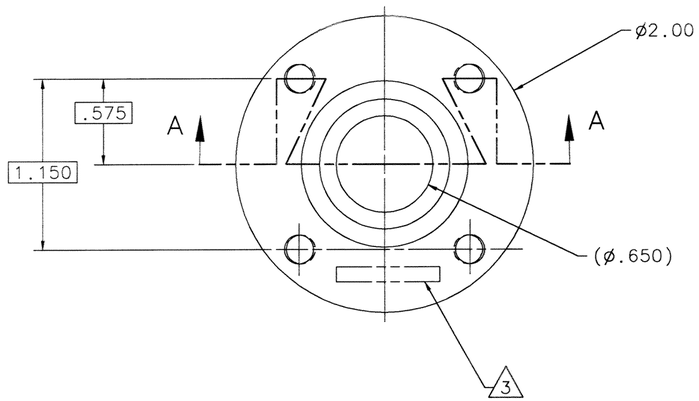
ORBITAL SCIENCES CORPORATION PROPRIETARY DATA: THIS INFORMATION CONTAINS ORBITAL SCIENCES CORPORATION PROPRIETARY DATA AND SHOULD NOT BE RELEASED OR DISCLOSED WITHOUT THE PRIOR EXPRESS WRITTEN APPROVAL OF ORBITAL SCIENCES CORPORATION. THIS DOCUMENT CONTAINS PRIVATE OR PRIVILEGED INFORMATION AND/OR TRADE SECRETS WHICH IS/ARE DISCLOSED IN CONFIDENCE. THIS INFORMATION MAY BE USED, DUPLICATED OR DISCLOSED ONLY TO THE EXTENT AS SPECIFICALLY AUTHORIZED IN WRITING BY ORBITAL SCIENCES CORPORATION.

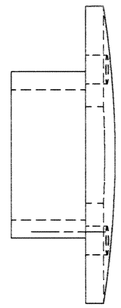
WARNING: INFORMATION SUBJECT TO U.S. EXPORT CONTROL LAWS.
THE ATTACHED DOCUMENTS CONTAIN TECHNICAL DATA WITHIN THE DEFINITION OF THE INTERNATIONAL TRAFFIC IN ARMS REGULATIONS, AND ARE SUBJECT TO THE EXPORT CONTROL LAWS OF THE U.S. GOVERNMENT.

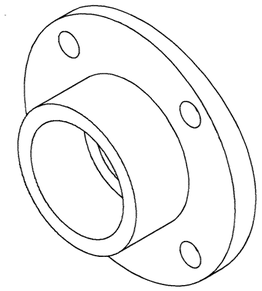
DWG NO. 1030-2016 SH 1

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
-	RELEASED PER IR 12361	03-08-05	PS

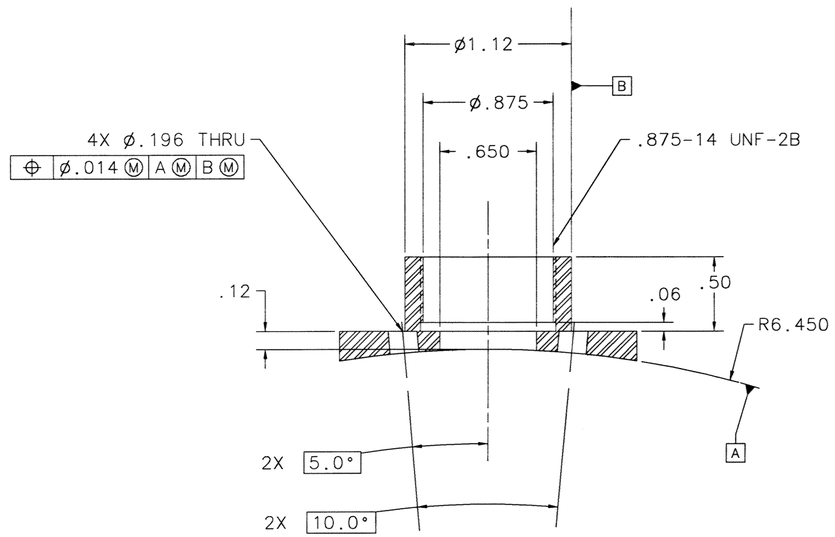
OUTSTANDING EO(s) EXIST AGAINST THIS REVISION OF THE DRAWING







ISO VIEW
REF ONLY



SECTION A-A

NOTES:

1. MATERIAL: 15-5 PH SS CONDITION H1025 PER SAE AMS 5862 OR SAE AMS 5659.
2. FINISH: PASSIVATE PER SAE AMS-QQ-P-35, TYPE VIII.
3. PERMANENTLY MARK PART NUMBER (DRAWING NUMBER AND APPLICABLE DASH NUMBER) APPROXIMATELY WHERE SHOWN. METHOD/SIZE OPTIONAL.

-001	FIND NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	SPECIFICATION	CAGE CODE	NOTE
QTY REQD PER DASH NO.		PARTS LIST				

DASH NO.	APPLICATION
-001	1030-1579

UNLESS OTHERWISE SPECIFIED

TOLERANCE: ALL HOLE DIA

FROM	THRU	TOL
0.00	.125	+.004/-.001
.126	.250	+.005/-.001
.251	.500	+.006/-.001
.501	.750	+.008/-.001
.751	1.000	+.010/-.001
1.001	2.000	+.012/-.001
OVER 2.000		+.015/-.005

TOP ASSEMBLY NO.

1. INTERPRET PER ASME Y14.100M.
2. DIMENSIONS ARE IN INCHES. 125
3. SURFACE TEXTURE SHALL BE
4. DIMENSIONS APPLY AFTER PLATING.
5. REMOVE ALL BURRS AND SHARP EDGES, .005/.015

TOLERANCES ON DECIMAL DIMENSIONS:
XXX ±.010 XX ±.02 X ±.1

TOLERANCES ON ANGULAR DIMENSIONS:
MACHINED AND LOCATING ±0°30'
CHAMFERS ±5° FORMED ±1°

CONTRACT NO. N00019-66-C-0255

DRAWN	K.LINGAMAN	03-08-05
CHECKED	P. SCHUMACHER	03-08-05
APPROVED	E.BROWN	03-08-05
APPROVED	L. MORALEZ	03-08-05
APPROVED	M. RAAF	03-08-05

Orbital Sciences Corporation
Launch Systems Group
3380 South Price Road
Chandler, Arizona 85248

TITLE
PLUG CONNECTOR ADAPTER

SIZE	CAGE CODE	DRAWING NO.	REV
D	27555	1030-2016	-

SCALE: 2/1 WEIGHT: - SHEET 1 OF 1