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EAR 99 NLR

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVAL

THE INFORMATION CONTAINED IN THE DOCUMENT IS TECHNICAL IN CONTENT, BUT IS NOT TECHNICAL DATA AS DEFINED BY THE ITAR OR THE EAR, AND THEREFORE IS EAR 99 NLR (NO EXPORT LICENSE REQUIRED). [GENERAL PROHIBITION SIX (EMBARGO) APPLIES TO ALL ITEMS SUBJECT TO THE EAR, I.E. ITEMS ON THE CCL AND WITHIN EAR 99 NLR. YOU MAY NOT MAKE AN EXPORT OR RE-EXPORT CONTRARY TO THE PROVISIONS OF PART 746 (EMBARGOS AND OTHER SPECIAL CONTROLS) OF THE EAR AND 22 CFR PART 126.1 OF THE ITAR.]

EDDR #: 1313851

NOTES:

GENERAL

1A. THIS DRAWING PROVIDES A GENERAL REPRESENTATION FOR THE INDICATED PART.

MATERIAL

2A. MATERIAL FOR THIS PART SHALL BE DEFINED BY THE SPECIFICATION AT THE NEXT LEVEL OF ASSEMBLY.

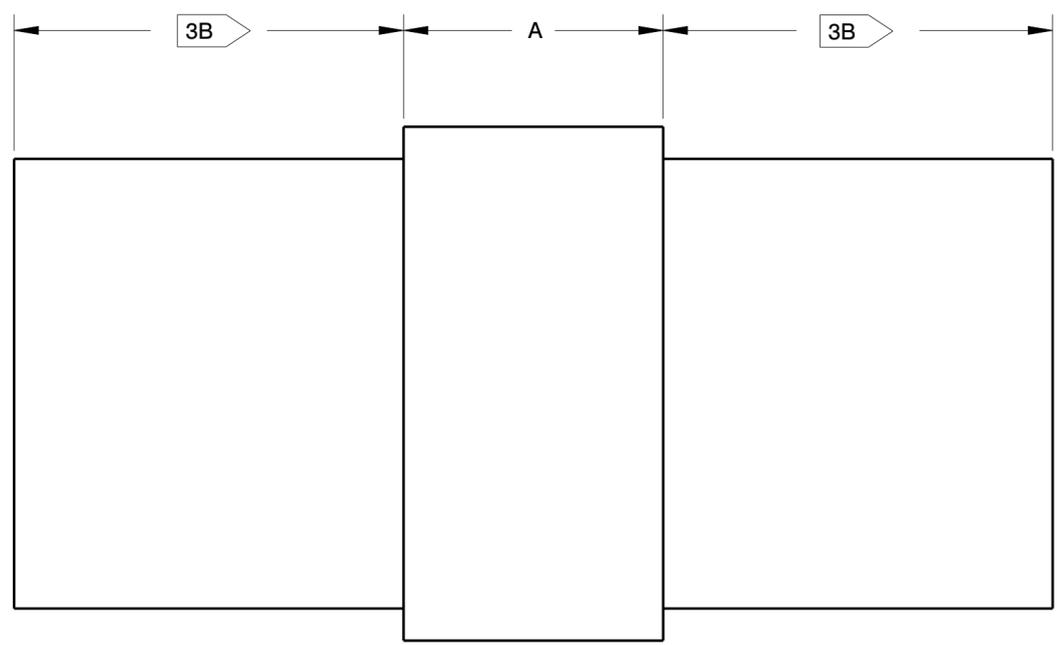
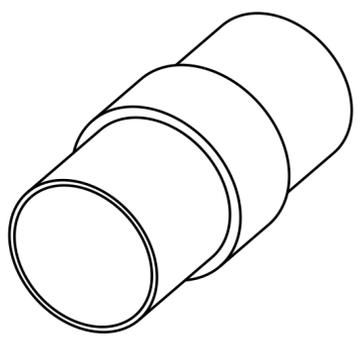
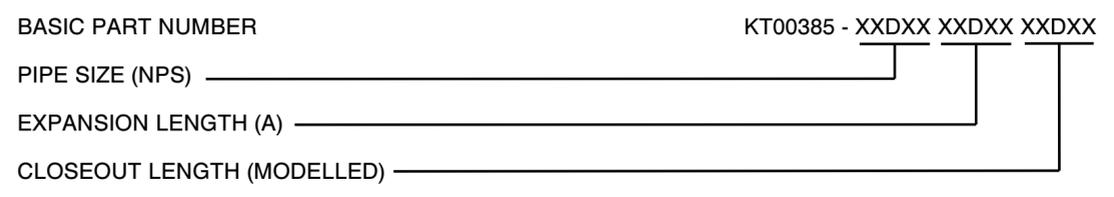
ASSEMBLY

3A. ADDITIONAL DIMENSIONAL AND DESIGN RESTRICTIONS SHALL BE DEFINED AT THE NEXT LEVEL OF ASSEMBLY.

3B DIMENSION INDICATED FOR CLOSE OUT SECTION IS FOR REPRESENTATION ONLY AND MAY VARY.

MARKING

4A. BELOW IS THE METHOD FOR PART NUMBER CONSTRUCTION



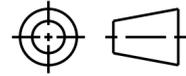
CAD MAINTAINED. CHANGES SHALL BE INCORPORATED ONLY BY THE DESIGN ACTIVITY.	
SOFTWARE	CREO PARAMETRIC 2.0
FILENAME	KT00385D
MATERIAL	UNS S31603 ASTM A240
HEAT TREATMENT	N/A
FINAL PROTECTIVE FINISH	N/A

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED DIM ARE IN INCHES. INTERPRET DIM AND TOL PER ASME Y14.5-2009. TOLERANCES ON:

FRACTIONS	DECIMALS	ANGLES
±	1 PL ±.1	1 PL ±.5°
	2 PL ±.03	
	3 PL ±.010	

THIRD ANGLE PROJECTION



ORIGINAL DATE OF DRAWING (YYYY/MM/DD) 2013/08/13	
DRAFTSMAN	CHECKER
J. K. TUCKERMAN	J. A. STAGI
ENGINEER	CHECKER
ENGINEER	STRESS
ENGINEER	E. L. THOMPSON
SUBMITTED	T. O. ADAMS
APPROVED	A. C. LITTLEFIELD

JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA			
EXPANSION JOINT			
SIZE	CAGE CODE	DWG NO	REV
C	22264	KT00385	-
SCALE	UNIT WEIGHT	SHEET	OF
1.000	N/A	1	1

EAR 99 NLR

DWG NO KT00385
 SHEET 1
 REV -

KT00385D (EXPANSION JOINT DRAWING)

Document Number: KT00385D

Version: -

Name: EXPANSION JOINT DRAWING

Type: Drawing

Container: SLS-GSDO Cryogenic Delivery Product

State: Released

Modified By: James Tuckerman

Modified On: Fri, Mar 28, 2014 11:23:42 EDT

Change Requests: K-CR-10755

Maturity History

Version	State	Promoted By	Promoted On
-.14	Released	wcadmin-(Site)	Thu, Apr 17, 2014 14:14:04 EDT
-.14	Completed	James Tuckerman	Mon, Mar 31, 2014 15:16:00 EDT
-.14	Under Review	wcadmin-(Site)	Mon, Mar 31, 2014 13:23:42 EDT
-.14	In Work	wcadmin-(Site)	Mon, Mar 31, 2014 12:29:16 EDT
-.14	Under Review	wcadmin-(Site)	Fri, Mar 28, 2014 11:31:10 EDT
-.13	In Work	wcadmin-(Site)	Thu, Mar 27, 2014 09:16:48 EDT
-.13	Under Review	wcadmin-(Site)	Tue, Mar 25, 2014 15:27:58 EDT
-.13	In Work	James Tuckerman	Tue, Mar 25, 2014 15:23:38 EDT
-.13	Under Review	wcadmin-(Site)	Tue, Mar 25, 2014 14:35:11 EDT
-.13	In Work	James Tuckerman	Tue, Mar 25, 2014 14:20:34 EDT
-.13	Under Review	wcadmin-(Site)	Tue, Mar 25, 2014 13:39:50 EDT
-.11	In Work	wcadmin-(Site)	Tue, Mar 25, 2014 09:57:57 EDT
-.11	Under Review	wcadmin-(Site)	Fri, Mar 21, 2014 16:41:32 EDT
-.1	In Work	James Tuckerman	Tue, Aug 13, 2013 14:20:08 EDT

KDDMS Routing History

CN/CT Number	Task	Assignee	Role	Events	Comment	Started	Completed
D-CN-10845	KSC Documentation Release Audit Change Notice	Nicholas Delgado	Change Admin III	Complete	released per KDP-P-2718	Thu, Apr 17, 2014 13:32:22 EDT	Thu, Apr 17, 2014 14:14:04 EDT
K-CT-10766	KSC Complete Signature Required Assignment	Brett Lannie	Assignee		routed for signature approval per KDP-P-2718	Tue, Apr 8, 2014 17:12:46 EDT	Tue, Apr 8, 2014 17:18:11 EDT
K-CT-10766	KSC Signature Required	Alan Littlefield	Signatory	Complete	CORRECT at next revision to add description and examples for "length" callouts XXDXX such as 02D25 means 02.25	Tue, Apr 8, 2014 17:18:11 EDT	Thu, Apr 17, 2014 13:32:21 EDT
K-CT-10766	KSC Signature Required	James Tuckerman	Signatory	Complete		Tue, Apr 8, 2014 17:18:11 EDT	Tue, Apr 15, 2014 11:25:34 EDT
K-CT-10766	KSC Signature Required	Theodore Adams	Signatory	Complete		Tue, Apr 8, 2014 17:18:11 EDT	Wed, Apr 9, 2014 13:41:45 EDT
K-CT-10766	KSC Signature Required	Edward Thompson	Signatory	Complete		Tue, Apr 8, 2014 17:18:11 EDT	Wed, Apr 9, 2014 10:29:52 EDT

						EDT	EDT
K-CT-10766	KSC Signature Required	Dennis Lobmeyer	Signatory	Complete		Tue, Apr 8, 2014 17:18:11 EDT	Wed, Apr 9, 2014 09:10:13 EDT
K-CT-10766	KSC Signature Required	Joseph Stagi	Signatory	Complete		Tue, Apr 8, 2014 17:18:11 EDT	Wed, Apr 9, 2014 05:15:16 EDT