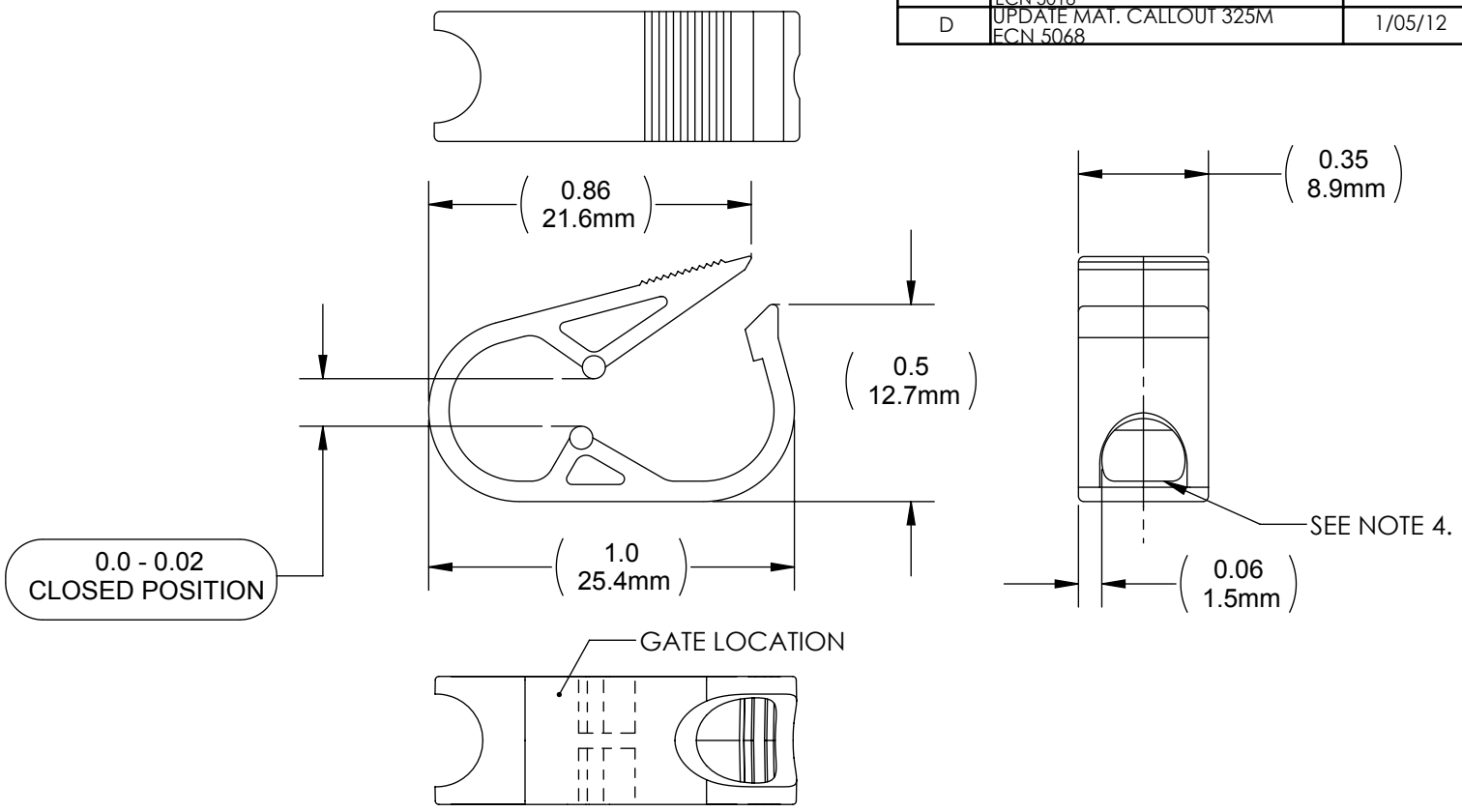
DRAWING NO.	REV
C340TCSGAM	D

Customer Drawing

Revision History

REV	DESCRIPTION (ECO)	DATE	APPROVED
C	UPDATE TITLE TO READ TUBING CLAMP ECN 5018	11/17/11	AK
D	UPDATE MAT. CALLOUT 325M ECN 5068	1/05/12	DS



NOTES:

1. CRITICAL DIMENSION ARE CIRCLED AND SUBJECT TO INSPECTION.
2. DIMENSIONS IN PARENTHESES ARE FOR REFERENCE ONLY.
3. ALL DIMENSIONS ARE IN INCHES WITH NOMINAL DIMENSIONS IN MILLIMETERS SHOWN BELOW.
4. MAX TUBING DIAMETER (0.25").
5. HR TUBING CLAMPS ARE SINGLE PATIENT USE MEDICAL COMPONENTS INTENDED TO BE INCLUDED AS PART OF THE FINISHED DEVICE, I.E. IV ADMINISTRATION SETS. HR TUBING CLAMPS ARE MANUFACTURED TO HR SPECIFICATIONS, SOLD BULK, NON-STERILE TO OEMS. BECAUSE THE CONFIGURATIONS OF IV TUBING VARY DRAMATICALLY, HR CANNOT MAKE ANY PARTICULAR CLAIMS. CUSTOMERS MUST VALIDATE CLAMPS FOR THEIR INTENDED USE, ENSURING THAT THE CLAMPS EFFECTIVELY OCCLUDE THE INHERENT VARIATION OF THE PARTICULAR TUBING EMPLOYED BY THE CUSTOMER AGAINST THE CLOSED GAP RANGE PROVIDED ON HR'S SPECIFICATIONS. OEM MANUFACTURING PROCESSES (SUCH AS ASSEMBLY PROCESSES, PACKAGING AND STERILIZATION) CAN SIGNIFICANTLY ALTER THE CLAMPS' FUNCTIONALITY; THEREFORE, HR CANNOT GUARANTEE THE PERFORMANCE OF THE FINAL CONFIGURATION.

QUALITY CRITERIA

O.D. FLASH 0.015 MAX. (0.4MM)
GATE VESTIGE 0.01 MAX. (0.3MM)
EMBEDDED PARTICLES, BUBBLES, SPOTS, STAINS: 0.3mm^2 MAX. NO MORE THAN 5 PER PART.

MOLDED PARTS:
GATES, PARTING LINES, AND FLASH PER QUALITY CRITERIA

PROPRIETARY AND CONFIDENTIAL
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DRAWN BY	dcoughlin	DATE	4/24/09
APPROVED BY	-	DATE	-
MATERIAL	VALOX 325M		
FINISH			

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES:
ANGULAR: ± 1°
TWO PLACE DECIMAL ± .01
THREE PLACE DECIMAL ± .005

THIRD ANGLE PROJECTION

Halkey-Roberts

TITLE: **TUBING CLAMP, SMALL**

SIZE	DRAWING NO.	REV
A	C340TCSGAM	D
SCALE 2:1	DO NOT SCALE DRAWING	SHEET 1 OF 1