



ENGINEERING CHANGE NOTICE



ENGINEERING CHANGE NOTICE

☐ ECR	☐ ER	☐ DEV	☒ ECN	ECN NO. <u>6590</u>	Rev of <u>12</u>
Effectivity Date: Proposed _____ Implemented _____				Sheet <u>1</u>	
FOR DISPOSITION OF MATERIAL, SEE PAGE 2 OF THIS ECN					
Product Update Bulletin Required? NO ☒ YES ☐ # _____				Parts Book Affected? ☒ NO ☐ YES	
Product (s) Affected: ALL FRAME MODELS					
Cost Impact \$ _____		Change Purpose: _____		Areas Affected: _____	
☐ Per Unit _____	☐ New Design/Initial Rel. _____	☐ Regulatory Agencies _____			
☐ Variance +/- _____	☐ Customer Request _____	☐ Test Report _____			
☐ Scrap _____	☐ Documentation _____	☐ Process/Tooling _____			
☐ Rework _____	☒ Design Change _____	☐ Forecast Qty _____			
☐ Tooling _____	☐ Other _____				
☒ N/A _____	☐ Obsolete/Spare Parts _____				
Reason for Change: <u>1) NEED TO ADD NEW PART NUMBER FOR ALTECH SENSOR ON ZERO ZONE 30" X 73" DOORS. 2) REVISE ALTECH SENSOR AND CONTROLLER TO THE CURRENT SUPPLIER DRAWINGS. 3) REVISE DESCRIPTIONS OF 60-15338-0001 AND -0002 ON AS400 TO THAT WHICH IS GIVEN ON SHEET 2 OF THIS ECN; 4) ADD COLOR CODING TO DIFFERENTIATE SENSORS.</u>					
Description of Change: (Is/Was) <u>1) ADD NEW AASC SENSOR (60-15338-0003). 2) ADD NEW SUPPLIER DRAWINGS TO THE PURCHASED PARTS TABULATION SHEETS. 3) UPDATE AS400.</u>					
Approvals		Signature		Date	
Originator & Dept.		D. Bora / D. Kato		01/26/05	
ECN Analyst		<i>[Signature]</i>		1/27/05	
Design Engineering		<i>[Signature]</i>		1/27/05	
Mfg. Eng.		<i>[Signature]</i>		2/1/05	
Quality Assurance		<i>[Signature]</i>		2-01-05	
Materials/Purchasing		<i>[Signature]</i>		2-1-05	
Manufacturing		<i>[Signature]</i>		2/1/05	
Sales/Marketing		<i>[Signature]</i>		2/1/05	
Tool Engineer		<i>[Signature]</i>		1/27/05	
FINAL APPROVAL V.P. Engineering or President or CEO Sig: <i>[Signature]</i> Date: <u>2-2-05</u>					
Accounting – Required if scrap or annualized product cost increase or change is > 1K. CFO \$ 1K – 25K _____ President or CEO \$25k-99.9K _____ Board Chairman \$100K+ _____					

INT.	DATE	INT.	DATE
Dwg Incorpor. <i>[Signature]</i>	<u>2-2-05</u>	Final Checker/ECN Log <i>[Signature]</i>	<u>2/2/05</u>
DB Incorpor. <i>[Signature]</i>	<u>2/2/05</u>	Distribution <i>[Signature]</i>	<u>2/2/05</u>
Trans. ECN'S. <i>[Signature]</i>	<u>2/2/05</u>	Trans. DWG'S: <i>[Signature]</i>	<u>2/2/05</u>

Form No. A0007
Procedure No. AN300-01

100504



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ECR

ER

DEV

ECN

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12

Effectivity Date: Proposed _____ Implemented _____

FOR DISPOSITION OF MATERIAL, SEE PAGE 2 OF THIS ECN

Product Update Bulletin Required? NO ☒ YES ☐ #Parts Book Affected? ☒ NO ☐ YES

Product (s) Affected: ALL FRAME MODELS

Cost Impact \$

Change Purpose:

Areas Affected:

☐ Per Unit _____☐ Variance +/- _____☐ Scrap _____☐ Rework _____☐ Tooling _____☒ N/A _____☐ New Design/Initial Rel. _____☐ Customer Request _____☐ Documentation _____☒ Design Change _____☐ Other _____☐ Obsolete/Spare Parts _____☐ Regulatory Agencies _____☐ Test Report _____☐ Process/Tooling _____☐ Forecast Qty _____

Reason for Change: **1) NEED TO ADD NEW PART NUMBER FOR ALTECH SENSOR ON ZERO ZONE 30" X 73" DOORS. 2) REVISE ALTECH SENSOR AND CONTROLLER TO THE CURRENT SUPPLIER DRAWINGS. 3) REVISE DESCRIPTIONS OF 60-15338-0001 AND -0002 ON AS400 TO THAT WHICH IS GIVEN ON SHEET 2 OF THIS ECN. 4) ADD COLOR CODING TO DIFFERENTIATE SENSORS.**

Description of Change: (Is/Was) **1) ADD NEW AASC SENSOR (60-15338-0003). 2) ADD NEW SUPPLIER DRAWINGS TO THE PURCHASED PARTS TABULATION SHEETS. 3) UPDATE AS400.**

Approvals

Originator & Dept.

ECN Analyst

Design Engineering

Mfg. Eng.

Quality Assurance

Materials/Purchasing

Manufacturing

Sales/Marketing

Tool Engineer

Signature

D. Bore / D. Kato

Date

01/27/05

FINAL APPROVAL

V.P. Engineering or President or CEO

Sig: _____

Date: _____

Accounting – Required if scrap or annualized product cost increase or change is > 1K.

CFO \$ 1K – 25K

President or CEO \$25k-99.9K

Board Chairman \$100K+

INT.

DATE

Dwg Incorpor.

DB Incorpor.

Trans. ECN'S.

Final Checker/ECN Log

Distribution

Trans. DWG'S:

INT.

DATE



*IDENTIFY PARTS AS “MAKE” OR “BUY” FOR FIRST TIME RELEASES ONLY

1 = RTV
2 = USE AS IS
3 = REWORK

7 = P/N CHNG ONLY
8 = SPARE PART ONLY
9 = USE UP STK



ENGINEERING CHANGE NOTICE

60-15337-0000 WAS:

ECN NO.

6590

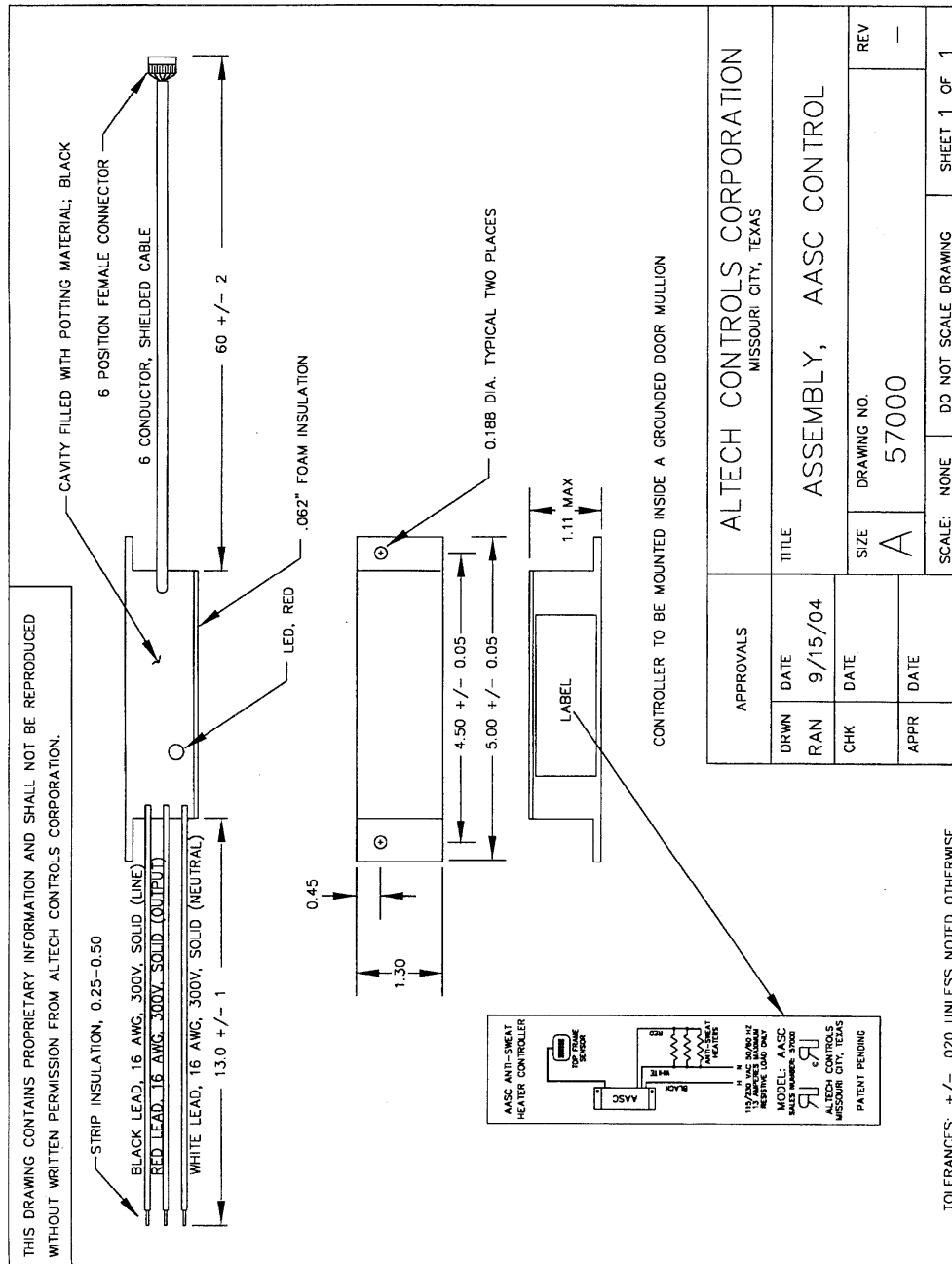
Rev

Sheet

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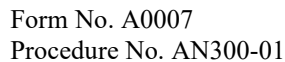
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ENGINEERING CHANGE NOTICE

60-15338-0000 WAS:

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60-15338-0001	SENSOR, REACH-IN, AASC	ALTECH CONTROLS	57001
“ -0002	“ , WALK-IN, AASC	“	57002

Tabulation Block

XX = FINISH

YY = LENGTH

Next Assy

Where Used

REVISION HISTORY

REV	Desc. of Change	App'vd By	Date
A	PROD REL PER ECN 6284	DK DB	09/27/04



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60-15338-0000 WAS:

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6590

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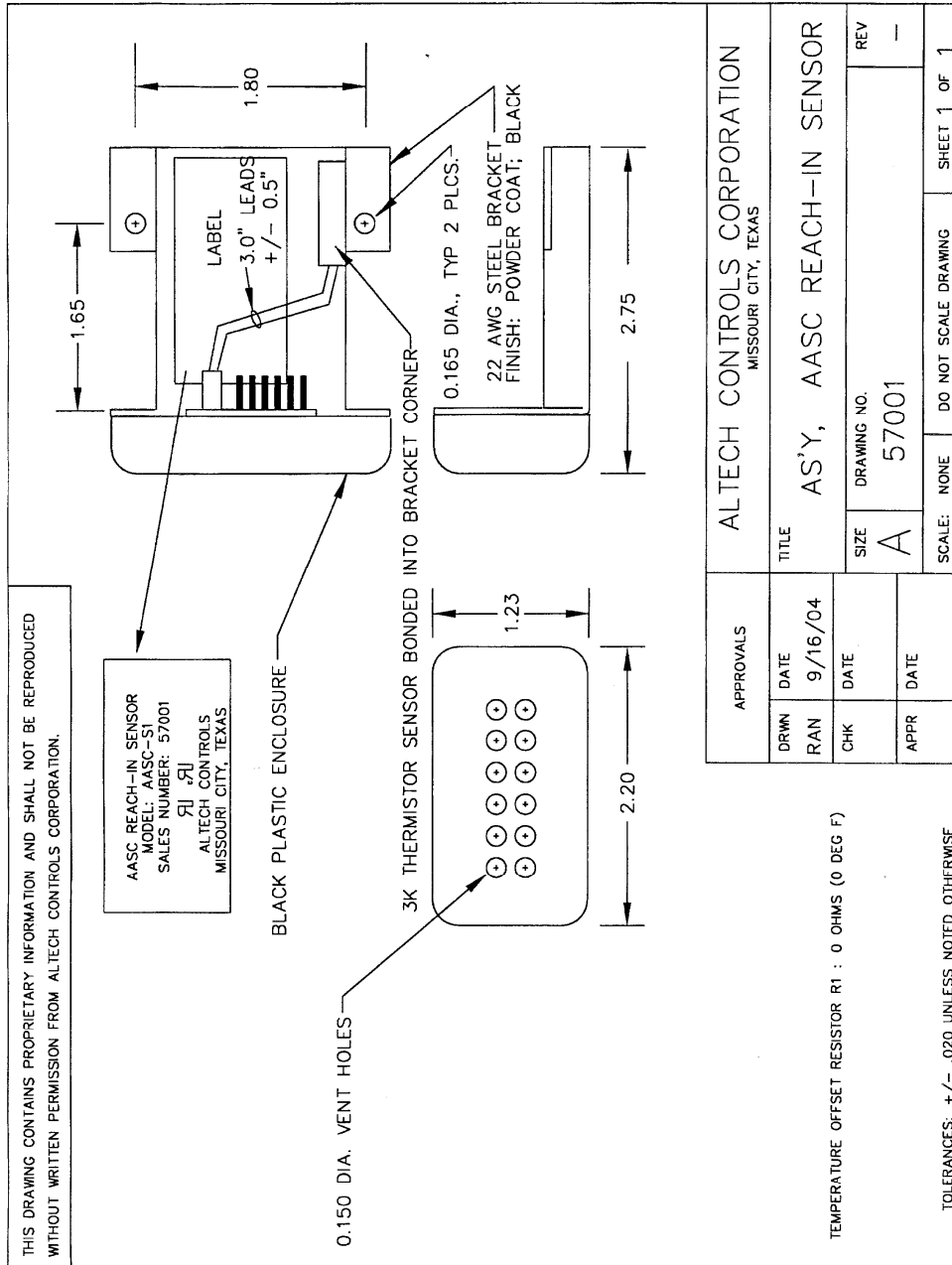
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-0001:





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60-15338-0000 WAS:

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Rev

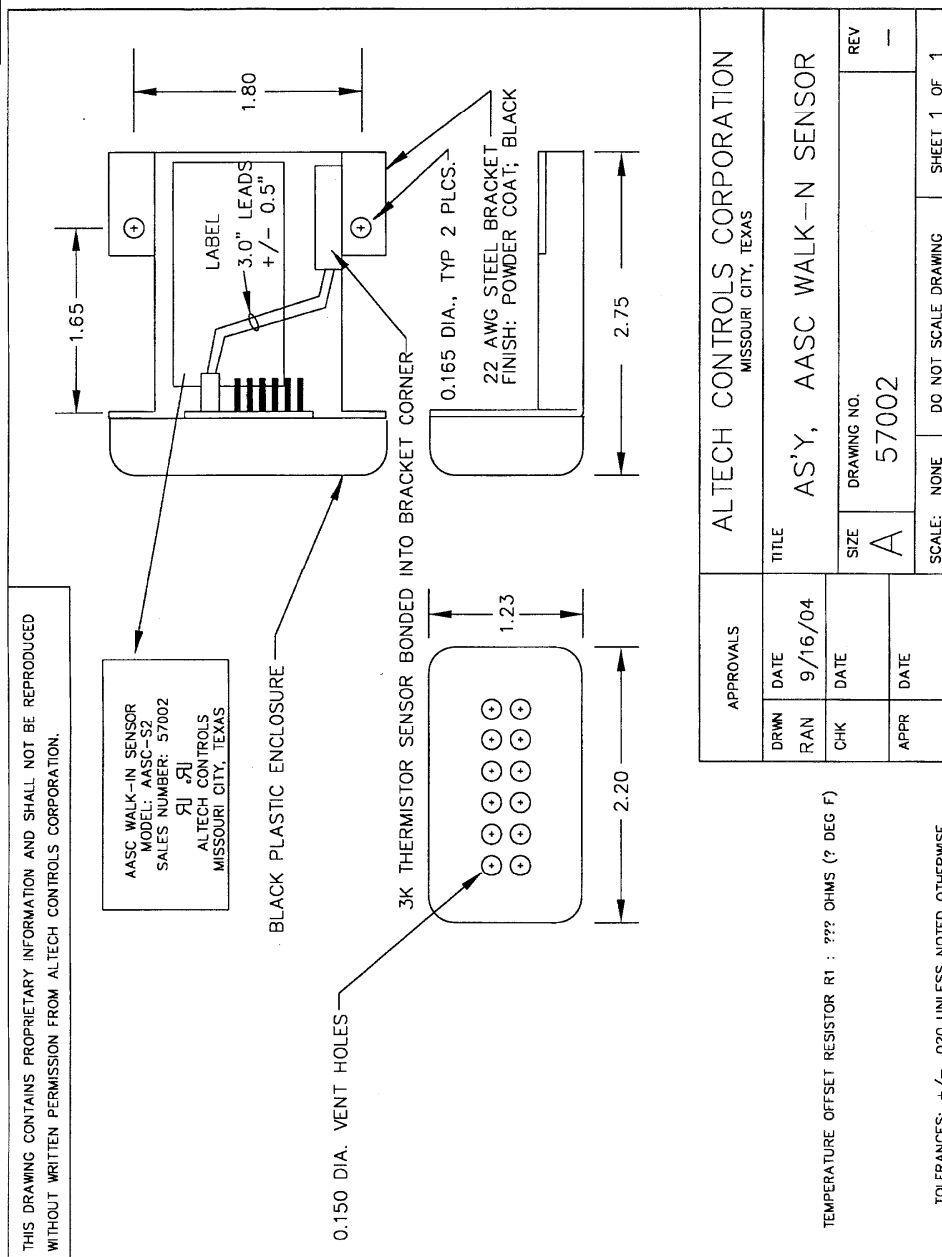
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60-15338-0001	SENSOR, 0 F OFFSET, AASC	ALTECH CONTROLS	57001
“ -0002	“ , 5 F OFFSET, AASC	“	57002
“ -0003	“ , 10 F OFFSET, AASC	“	57003

Tabulation Block

XX = FINISH

YY = LENGTH

Next Assy

Where Used
ALL FRAME MODELS

REVISION HISTORY

REV	Desc. of Change	App'vd By	Date
A	PROD REL PER ECN 6284	DK DB Clark	09/27/04
B	SEE ECN 6590	DK DB	



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60-15338-0000 IS:

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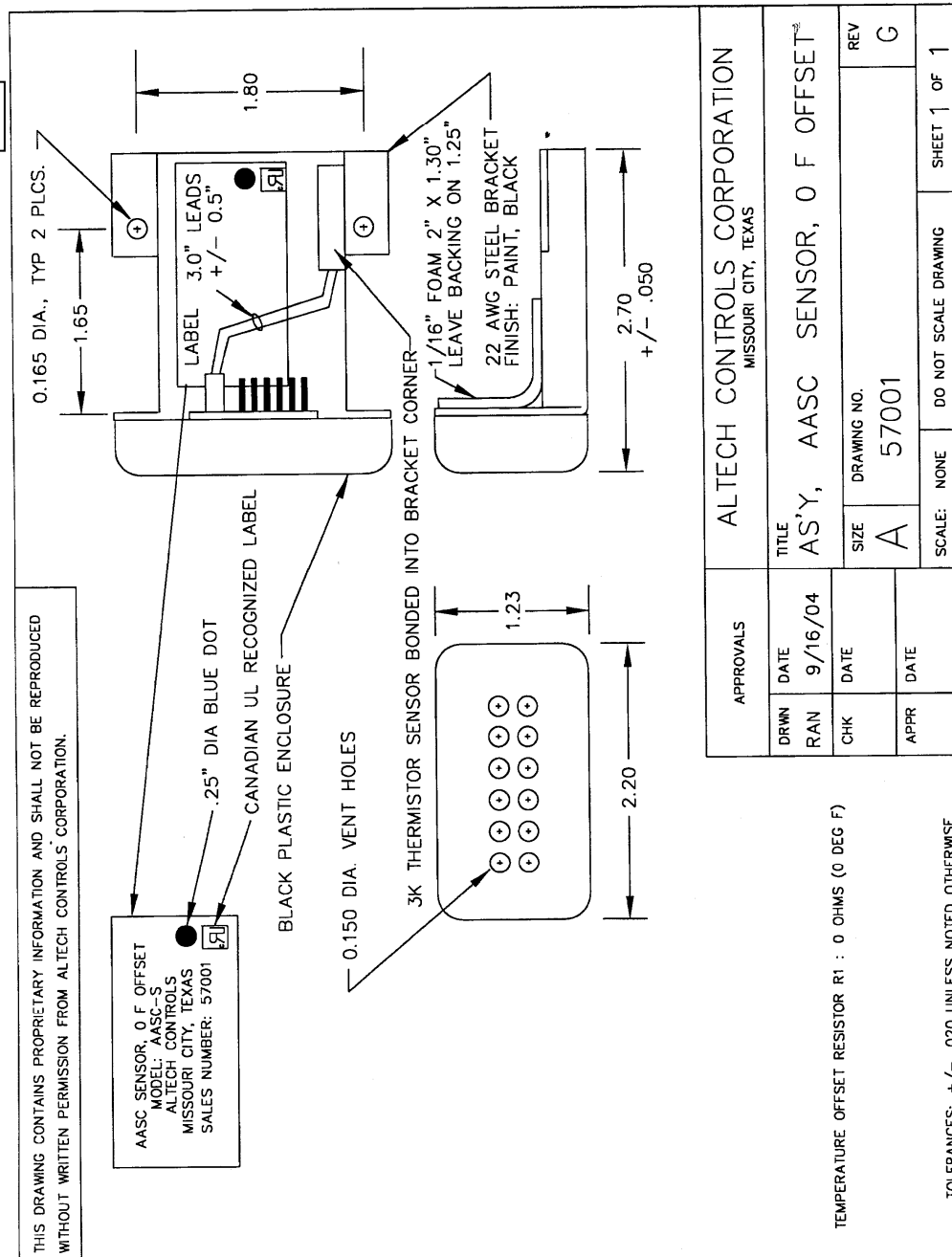
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-0001:





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60-15338-0000 IS:

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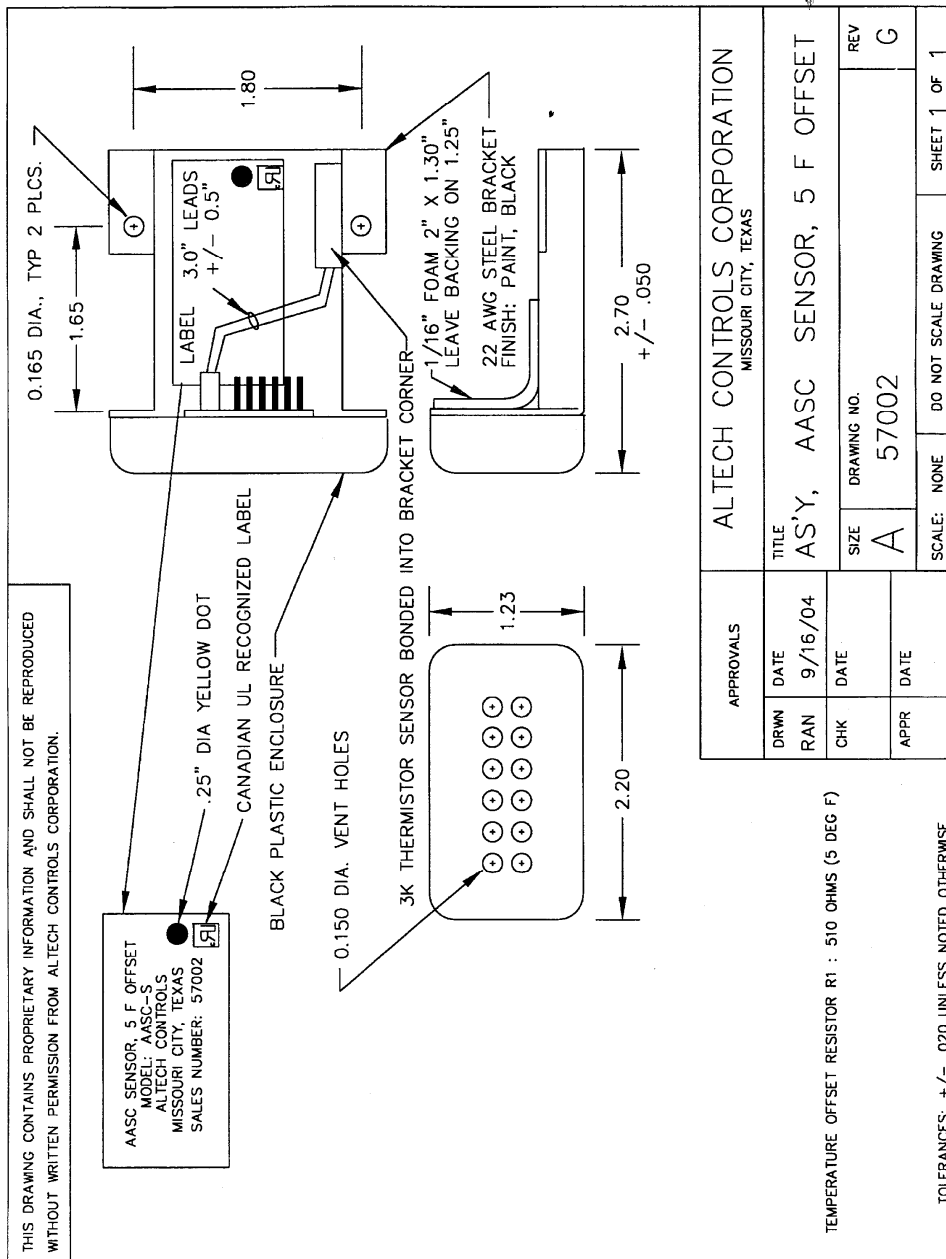
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-0002:





ENGINEERING CHANGE NOTICE

60-15338-0000 IS:

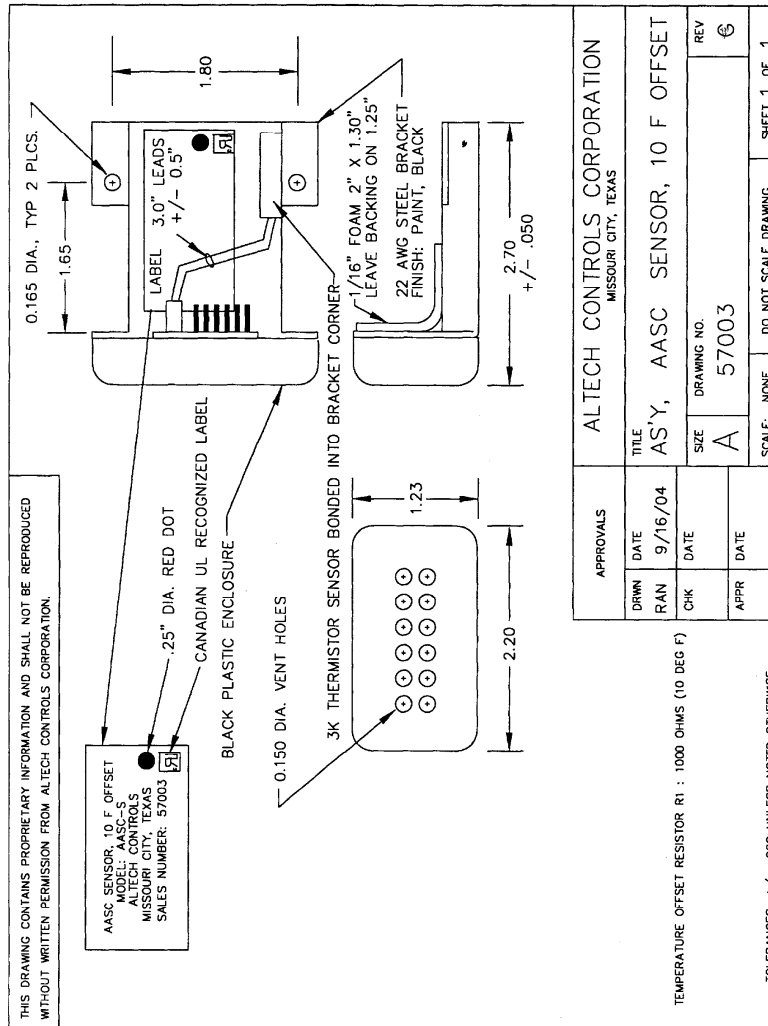
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-0003:





ENGINEERING CHANGE NOTICE

CORRESPONDENCE:

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FW: Alto-Shaam

Bore, David

From: Kato, Dennis
Sent: Tuesday, January 25, 2005 3:38 PM
To: Bore, David
Cc: Le, Shanelle; Calderon, Ray
Subject: RE: Alto-Shaam

The Alto-Shaam has given approval. Proceed with ECN 6557.

-----Original Message-----

From: Calderon, Ray
Sent: Tuesday, January 25, 2005 11:52 AM
To: Philip Insisiengmay
Cc: Milada Moucka; Le, Shanelle; Kato, Dennis
Subject: RE: Alto-Shaam
Importance: High

Thank You

-----Original Message-----

From: Philip Insisiengmay [mailto:PhilipI@Alto-Shaam.com]
Sent: Tuesday, January 25, 2005 11:21 AM
To: Calderon, Ray
Cc: Milada Moucka; Le, Shanelle; Kato, Dennis
Subject: RE: Alto-Shaam

Hello All,

I have been using Anthony International's reference drawings for my approvals. This was arranged with Shanelle, because I was informed AI did not like the drawings that was provided by Alto-Shaam, Inc. I am fine with using AI's drawings and I have. The drawings that I provide are for your reference when I request a new size heated glass. Then AI takes the information of that drawing and puts it in AI's reference drawings 30-15176-0000, and then AI emails me drawing 30-15176-0000 to review and approve.

Lets keep this arrangement of using Anthony Internationals drawings 30-15176-0000. I hope this clarifies all questions.

Sincerely,

Philip Insisiengmay
Industrial Designer Engineer

Alto-Shaam, Inc.
W 164 N 9221 Water Street
Menomonee Falls, WI 53052

1/25/2005