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Part Number: [0395254012](#)
Status: **Active**
Description: 5.00mm (.197") Pitch Eurostyle™ Vertical PCB Header, with Threaded Retention Inserts, Surface Mount Compatible, 12 Circuits

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)

[Product Specification PS-39500-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	Terminal Blocks
Series	39525
Application	Wire-to-Board
Component Type	PCB Header
Product Literature Order No	USA-355
Product Name	ESE, Eurostyle™ Pluggable
Type	Euro Block

Physical

Circuits (Loaded)	12
Entry Angle	N/A
Lock to Mating Part	Yes
Number of Rows	1
Orientation	Vertical
PC Tail Length (in)	0.154 In
PC Tail Length (mm)	3.90 mm
PCB Thickness Recommended (in)	0.125 In
PCB Thickness Recommended (mm)	3.20 mm
Panel Mount	No
Pitch - Mating Interface (in)	0.197 In
Pitch - Mating Interface (mm)	5.00 mm
Polarized to Mating Part	Yes
Shrouded	Closed Ends
Stackable	No
Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	-40°C to +140°C
Wire Size AWG	N/A

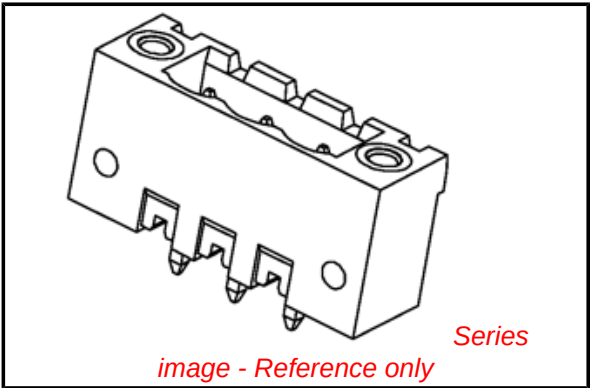
Electrical

Current - Maximum per Contact	15A
Voltage - Maximum	300V

Material Info

Reference - Drawing Numbers

Product Specification	PS-39500-001
Sales Drawing	SD-39501-002, SD-39525-001



EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Not Reviewed
Halogen-Free
Status

China RoHS



Not Reviewed

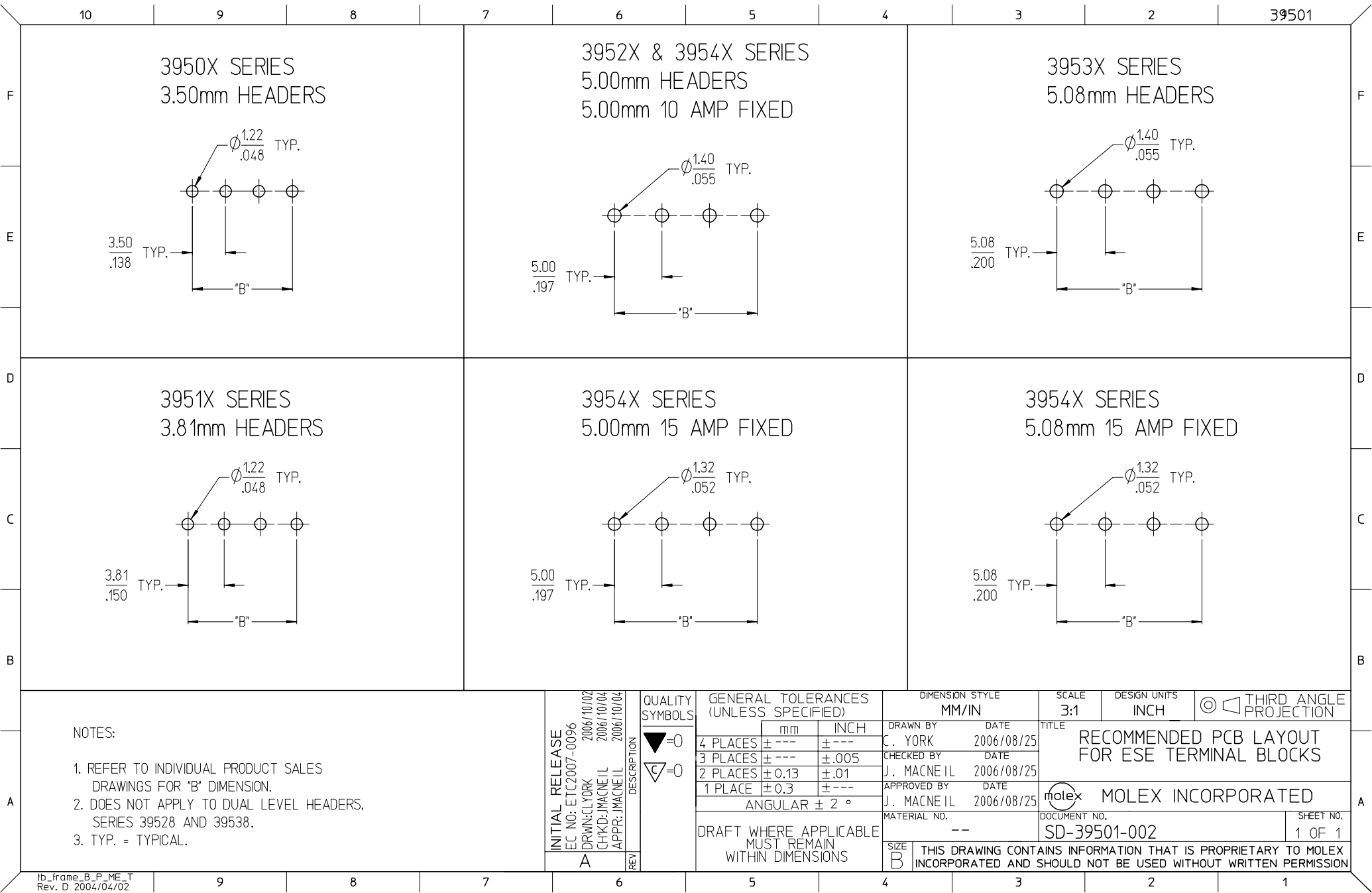
Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
[39525Series](#)

Mates With
Most 5.00mm (.197") Pitch Industry Standard Plugs, [39524](#) Horizontal Plug with Retention Screws, [39527](#) Vertical Plug with Retention Screws



NOTES:

1. REFER TO INDIVIDUAL PRODUCT SALES DRAWINGS FOR "B" DIMENSION.
2. DOES NOT APPLY TO DUAL LEVEL HEADERS, SERIES 39528 AND 39538.
3. TYP. = TYPICAL.

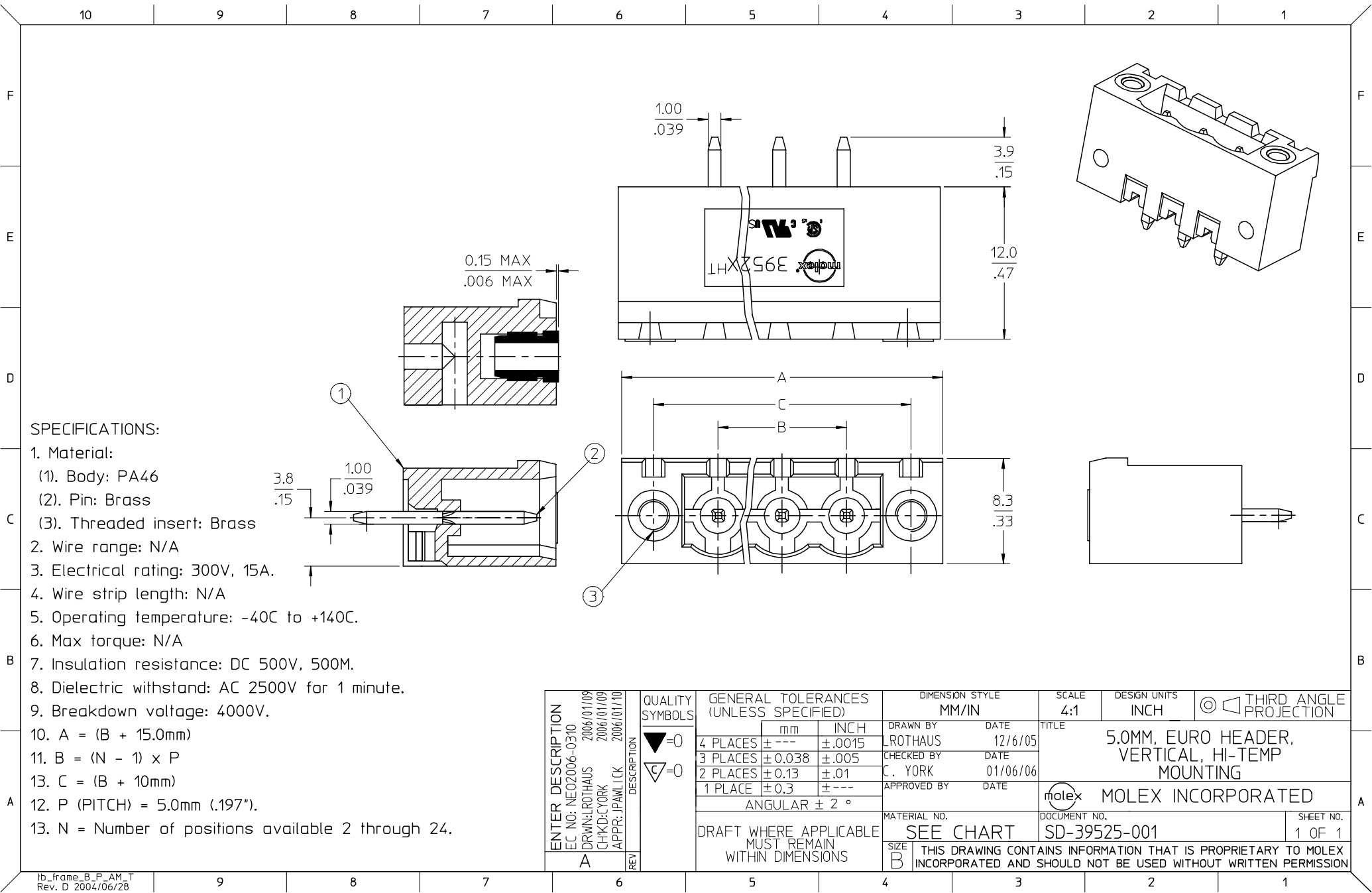
INITIAL RELEASE
EC NO: ETC2007-0096
DRWN: CLYORK 2006/10/02
CHKD: JMACNEIL 2006/10/04
APPR: JMACNEIL 2006/10/04

QUALITY SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)	
mm	INCH
4 PLACES	± .005
3 PLACES	± .01
2 PLACES	± .01
1 PLACE	± .01
ANGULAR ± 2 °	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

DIMENSION STYLE	
MM/IN	
DRAWN BY	DATE
C. YORK	2006/08/25
CHECKED BY	DATE
J. MACNEIL	2006/08/25
APPROVED BY	DATE
J. MACNEIL	2006/08/25
MATERIAL NO.	
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SCALE 3:1	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION
TITLE RECOMMENDED PCB LAYOUT FOR ESE TERMINAL BLOCKS		
molex MOLEX INCORPORATED		
DOCUMENT NO. SD-39501-002		SHEET NO. 1 OF 1
ALL INFORMATION THAT IS PROPRIETARY TO MOLEX SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		



SPECIFICATIONS:

1. Material:
 - (1). Body: PA46
 - (2). Pin: Brass
 - (3). Threaded insert: Brass
2. Wire range: N/A
3. Electrical rating: 300V, 15A.
4. Wire strip length: N/A
5. Operating temperature: -40C to +140C.
6. Max torque: N/A
7. Insulation resistance: DC 500V, 500M.
8. Dielectric withstand: AC 2500V for 1 minute.
9. Breakdown voltage: 4000V.
10. $A = (B + 15.0\text{mm})$
11. $B = (N - 1) \times P$
13. $C = (B + 10\text{mm})$
12. P (PITCH) = 5.0mm (.197").
13. N = Number of positions available 2 through 24.

ENTER DESCRIPTION EC NO: NEO2006-0310 DRAWN: LROTHAUS 2006/01/09 CHKD: CYORK 2006/01/09 APPR: JPAWLICK 2006/01/10 A				DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ±.0015 3 PLACES ±0.038 ±.005 2 PLACES ±0.13 ±.01 1 PLACE ±0.3 ± --- ANGULAR ± 2 °		DIMENSION STYLE MM/IN DRAWN BY LROTHAUS DATE 12/6/05 CHECKED BY C. YORK DATE 01/06/06 APPROVED BY DATE		SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION 5.0MM, EURO HEADER, VERTICAL, HI-TEMP MOUNTING	
							MATERIAL NO. SEE CHART		DOCUMENT NO. SD-39525-001			MOLEX MOLEX INCORPORATED	SHEET NO. 1 OF 1
							SIZE B THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

SEE SHEET 1 EC NO: NE02006-0310 DRAWN: LROTHAUS CHK'D: CYORK APPR: JPAUL CK	2006/01/09 2006/01/09 2006/01/10	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION 			
				mm	INCH	DRAWN BY LROTHAUS	DATE 12/6/05	TITLE 5.0MM, EURO HEADER, VERTICAL, HIGH-TEMP MOUNTING					
				4 PLACES ± ---	±.0015	CHECKED BY C. YORK	DATE 01/06/06						
				3 PLACES ± 0.038	±.005	APPROVED BY DATE		MOLEX MOLEX INCORPORATED					
				2 PLACES ± 0.13	±.01								
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A		REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE B		SEE CHART		SD-39525-001		2 OF 2		
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