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Part Number: [0340620025](#)
Status: **Active**
Overview: [mx150 sealed connector system](#)
Description: 5.00mm (.197") Pitch MX150™ Sealed Female Receptacle, Single Row, 2 Circuits, Keying Option A, with CPA, without Clip Slot, Black

Documents:

[3D Model](#) [Product Specification PS-34062-000 \(PDF\)](#)
[Application Specification \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

General

Product Family	Crimp Housings
Series	34062
More Detailed Tech Information	http://ewcap.uscarteams.org
Overview	mx150 sealed connector system
Product Name	MX150™

Physical

Circuits (maximum)	2
Circuits Detail	2
Color - Resin	Black
Gender	Female
Glow-Wire Compliant	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Resin	Nylon
Number of Rows	2
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface (in)	0.197 In
Pitch - Mating Interface (mm)	5.00 mm
Pitch - Term. Interface (in)	0.197 In
Pitch - Term. Interface (mm)	5.00 mm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40°C to +120°C

Electrical

Current - Maximum per Contact	22A
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Material Info

Reference - Drawing Numbers

Application Specification	AS-34062-000
Packaging Specification	PK-30907-879
Product Specification	PS-34062-000
Sales Drawing	SD-34062-001, SD-34062-002



EU RoHS

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

China RoHS



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

[34062Series](#)

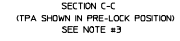
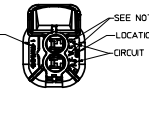
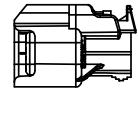
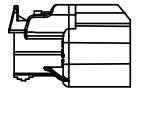
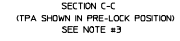
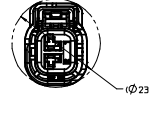
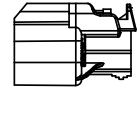
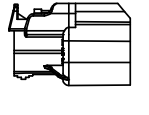
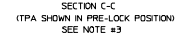
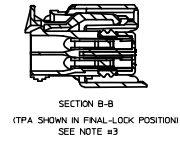
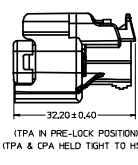
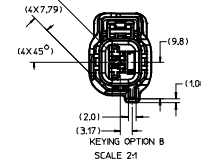
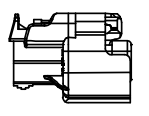
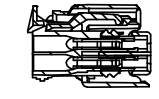
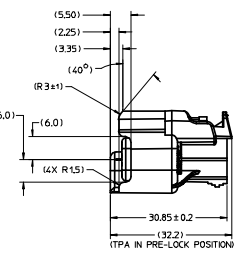
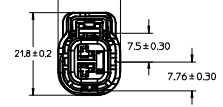
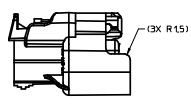
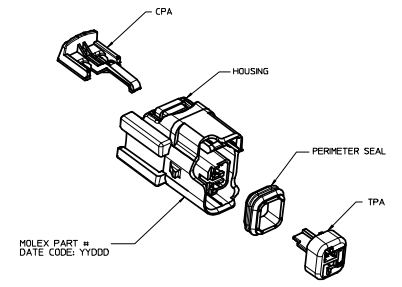
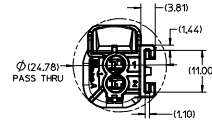
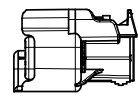
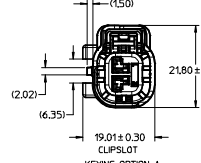
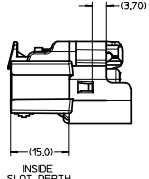
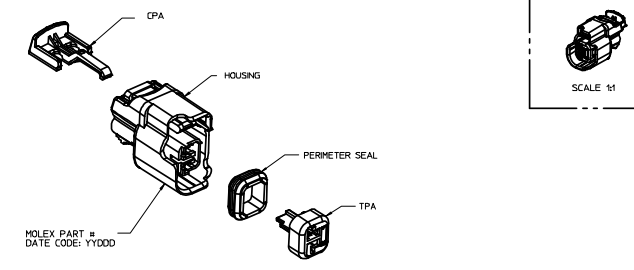
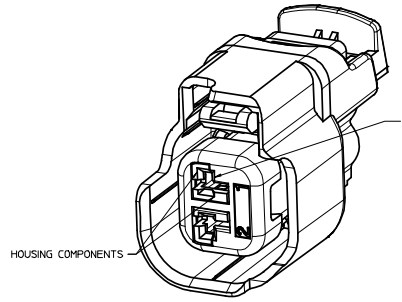
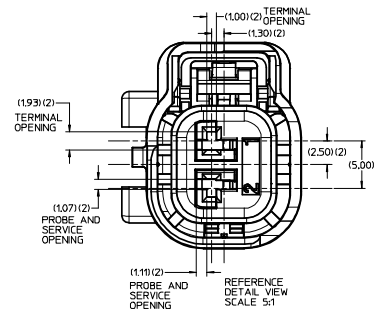
Mates With

[34675 MX150™ Cable-Sealed Male Connector](#)

Use With

[34083 Female Terminal](#)

ASSEMBLY PART NUMBER	COLOR	KEYING OPTION	CPA	CLIPSLOT	TOOLED
34062-0001	BLACK	A	NO	NO	YES
34062-0002	GRAY	B	NO	NO	YES
34062-0003	BLACK	C	NO	NO	YES
34062-0004	BLACK	D	NO	NO	YES
34062-0005	BLACK	A	YES	NO	YES
34062-0006	GRAY	B	YES	NO	YES
34062-0007	BLACK	C	YES	NO	YES
34062-0008	BLACK	D	YES	NO	YES
34062-0009	GRAY	D	NO	NO	YES
34062-0010	GRAY	D	YES	NO	YES
34062-0011	BLACK	A	NO	YES	YES
34062-0012	GRAY	B	NO	YES	NO
34062-0013	BLACK	C	NO	YES	NO
34062-0014	BLACK	D	NO	YES	NO
34062-0015	BLACK	A	YES	YES	YES
34062-0016	GRAY	B	YES	YES	NO
34062-0017	BLACK	C	YES	YES	NO
34062-0018	BLACK	D	YES	YES	NO
34062-0019	GRAY	D	NO	YES	NO
34062-0020	GRAY	D	YES	YES	NO

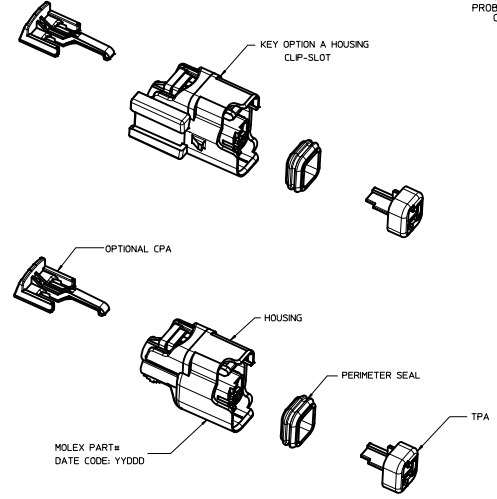
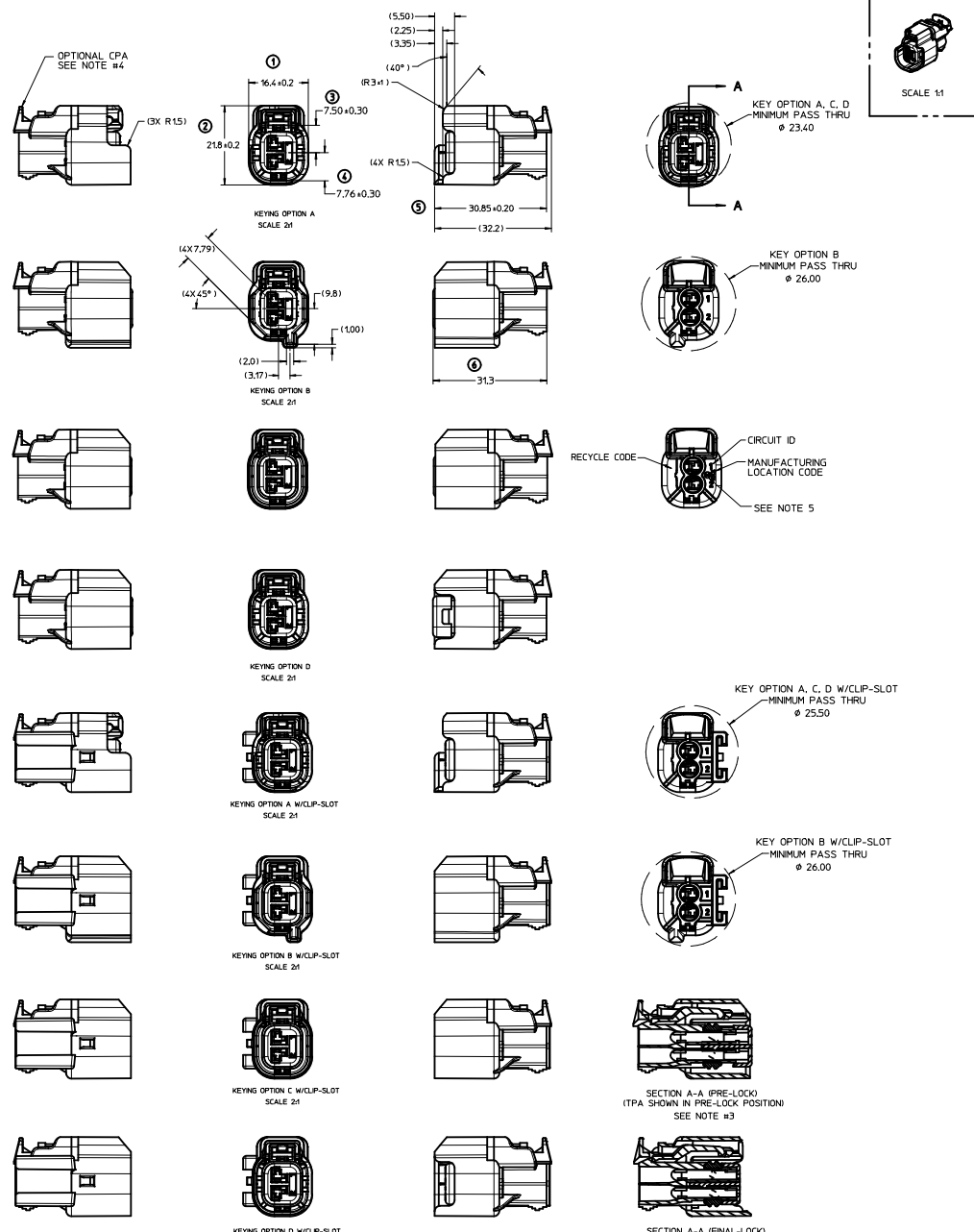
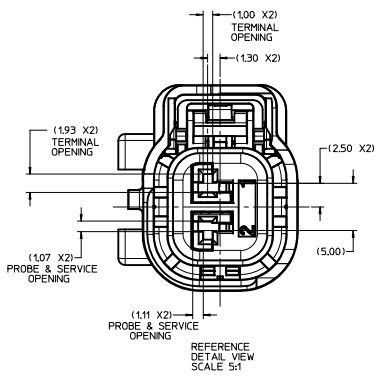


- NOTES: UNLESS OTHERWISE SPECIFIED
- ASSEMBLY CONFORMS TO:
SAE/USCAR-12, REV 2.
SAE/USCAR-2, REV 4.
EXCEPT TPA REMOVAL FROM FINAL LOCK - SECOND CYCLE.
SHALL NOT BE LESS THAN 12 NEWTONS
SAE/USCAR-20 DEC. 2001.
 - DESIGNED TO MATE WITH DEVICE CONNECTION AS SPECIFIED IN EWCAP DRAWING 550-5-002-1-201 REV A (9-18-2003).
 - ASSEMBLY SHIPPED WITH TPA IN PRE-LOCK POSITION (SEE SECTION B-B PRE-LOCK). UPON FULL TERMINAL ASSEMBLY, EACH TPA MUST BE SNAPPED INTO ITS FINAL-LOCK POSITION.
 - OPTIONAL CPA SHOWN IN ALL VIEWS. SEE TABLES FOR SPECIFIC ASSEMBLY OPTION AND NUMBER.
 - KEYING OPTION AND ASSEMBLY MACHINE IDENTIFIER.
 - RECYCLE CODE FOR PERIMETER SEAL: SILICON 50 DUROMETER
HOUSING: PPE/PA-GF30
TPA/CPA: PBT-GF30
 - SYSTEM TESTED USING ESB-HL123-A, 16/18, 20/22 AWG WIRE. MS-8288 AND MS9502 ARE ACCEPTABLE ALTERNATIVES.

AWG	METRIC	PREFERRED TERMINAL	OPTIONAL TERMINAL	PAYOFF DIRECTION	PLATING	GRP	YAZAKI P/N	WIRE OD RANGE	COLOR	OSR P/N	WIRE OD RANGE	COLOR
22	0.50	34083-2003	34083-0003	RIGHT	TIN	22	7158-3030-50	1.20-1.70	RED	E-1644-01	1.19-1.65	PINK
22	0.50	34083-3003	34083-1003	LEFT	TIN	22	7158-3030-50	1.20-1.70	RED	E-1644-01	1.19-1.65	PINK
22	0.50	34081-2005	34081-0005	RIGHT	GOLD	22	7158-3030-50	1.20-1.70	RED	E-1644-01	1.19-1.65	PINK
22	0.50	34081-3005	34081-1005	LEFT	GOLD	22	7158-3030-50	1.20-1.70	RED	E-1644-01	1.19-1.65	PINK
20	0.75	34083-2002	34083-0002	RIGHT	TIN	18/20	7158-3031-90	1.63-2.40	BLUE	E-1644-00	1.60-2.10	GREEN
20	0.75	34083-3002	34083-1002	LEFT	TIN	18/20	7158-3031-90	1.63-2.40	BLUE	E-1644-00	1.60-2.10	GREEN
20	0.75	34081-2004	34081-0004	RIGHT	GOLD	18/20	7158-3031-90	1.63-2.40	BLUE	E-1644-00	1.60-2.10	GREEN
20	0.75	34081-3004	34081-1004	LEFT	GOLD	18/20	7158-3031-90	1.63-2.40	BLUE	E-1644-00	1.60-2.10	GREEN
18	1.0	34083-2002	34083-0002	RIGHT	TIN	18/20	7158-3031-90	1.63-2.40	BLUE	E-1644-00	1.60-2.10	GREEN
18	1.0	34083-3002	34083-1002	LEFT	TIN	18/20	7158-3031-90	1.63-2.40	BLUE	E-1644-00	1.60-2.10	GREEN
18	1.0	34081-2004	34081-0004	RIGHT	GOLD	18/20	7158-3031-90	1.63-2.40	BLUE	E-1644-00	1.60-2.10	GREEN
18	1.0	34081-3004	34081-1004	LEFT	GOLD	18/20	7158-3031-90	1.63-2.40	BLUE	E-1644-00	1.60-2.10	GREEN
16	1.5	34083-2001	34083-0001	RIGHT	TIN	14/16	7158-3031-90	1.63-2.40	BLUE	E-1644-02	2.10-2.50	YELLOW
16	1.5	34083-3001	34083-1001	LEFT	TIN	14/16	7158-3031-90	1.63-2.40	BLUE	E-1644-02	2.10-2.50	YELLOW
16	1.5	34081-2003	34081-0003	RIGHT	GOLD	16	7158-3031-90	1.63-2.40	BLUE	E-1644-02	2.10-2.50	YELLOW
16	1.5	34081-3003	34081-1003	LEFT	GOLD	16	7158-3031-90	1.63-2.40	BLUE	E-1644-02	2.10-2.50	YELLOW

ENTER DESCRIPTION EC NO. UAU2008-063Z DRAWING/REVISION/DATE/APP. 3/2008/06/08 APPROV. 3/2008/06/08 REV.	QUALITY SYMBOLS 0 0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH	DIMENSION STYLE MM ONLY	SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.3 ± --- ANGULAR ± 3°	DRAWN BY DATE L.P.LIM 2002/11/15 CHECKED BY DATE DKOEHLER 2002/11/25 APPROVED BY DATE SPENDLET 2002/11/25	MATERIAL NO. SEE TABLE SIZE THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	DOCUMENT NO. SD-34062-001	SHEET NO. 4 OF 4

ASSEMBLY PART NUMBER	COLOR	KEYING OPTION	CPA	CLIP-SLOT
34062-0021	BLACK	A	NO	NO
34062-0022	LT. GRAY	B	NO	NO
34062-0023	BLACK	C	NO	NO
34062-0024	BLACK	D	NO	NO
34062-0029	LT. GRAY	D	NO	NO
34062-0025	BLACK	A	YES	NO
34062-0026	LT. GRAY	B	YES	NO
34062-0027	BLACK	C	YES	NO
34062-0028	BLACK	D	YES	NO
34062-0030	LT. GRAY	D	YES	NO
34062-0031	BLACK	A	NO	YES
34062-0032	LT. GRAY	B	NO	YES
34062-0033	BLACK	C	NO	YES
34062-0034	BLACK	D	NO	YES
34062-0035	LT. GRAY	D	NO	YES
34062-0036	BLACK	A	YES	YES
34062-0037	LT. GRAY	B	YES	YES
34062-0038	BLACK	C	YES	YES
34062-0039	BLACK	D	YES	YES
34062-0040	LT. GRAY	D	YES	YES



NOTES: UNLESS OTHERWISE SPECIFIED
1. ASSEMBLY CONFORMS TO:
SAE/USCAR-12, REV 2;
SAE/USCAR-2 REV 4;
a) EXCEPT TPA REMOVAL FROM FINAL LOCK - SECOND CYCLE SHALL NOT BE LESS THAN 12 NEWTONS.
SAE/USCAR-20 DEC 2001
b) POLARIZATION FEATURE EFFECTIVENESS: CONFORMS TO USCAR-2 REV 5
2. DESIGNED TO MATE WITH DEVICE CONNECTION AS SPECIFIED IN EWCAP DRAWING 150-S-002-1-Z01 REV A (9-18-2003).
3. ASSEMBLY SHIPPED WITH TPA IN PRE-LOCK POSITION (SEE SECTION A-A PRE-LOCK). UPON FULL TERMINAL ASSEMBLY, EACH TPA MUST BE SNAPPED INTO ITS FINAL-LOCK POSITION (SEE SECTION A-A FINAL-LOCK)
4. OPTIONAL CPA IN PRE-LOCK POSITION SHOWN IN ALL VIEWS.
5. KEYING OPTION AND ASSEMBLY MACHINE IDENTIFIER.
6. RECYCLE CODES FOR COMPONENTS
PERIMETER SEAL: SILICON 30 DUROMETER
HOUSING: DSM AKULON K-FHG6
TPA/CPA: PBT-GF30
7. SYSTEM TESTED USING ESB-M1123-A WIRE.
8. DISCOLORATION AT THE HOLDING KNOT LINES DOES NOT AFFECT PRODUCT PERFORMANCE.

QTY	DESCRIPTION	TERMINAL	PLATING	GRIP	OSR P/N	WIRE Ø RANGE	CABLE SEAL	COLOR	
22	0.50	34083-2003	RIGHT	TIN	22	E-1644-01	-	1.19-1.65	PINK
22	0.50	34083-3003	LEFT	TIN	22	E-1644-01	-	1.19-1.65	
22	0.50	34081-2005	RIGHT	GOLD	22	E-1644-01	-	1.19-1.65	GREEN
22	0.50	34081-3005	LEFT	GOLD	22	E-1644-01	-	1.19-1.65	
20	0.75	34083-2002	RIGHT	TIN	18/20	E-1644-00	-	1.60-2.10	GREEN
20	0.75	34083-3002	LEFT	TIN	18/20	E-1644-00	-	1.60-2.10	
20	0.75	34081-2004	RIGHT	GOLD	18/20	E-1644-00	-	1.60-2.10	GREEN
20	0.75	34081-3004	LEFT	GOLD	18/20	E-1644-00	-	1.60-2.10	
18	1.0	34083-3002	RIGHT	TIN	18/20	E-1644-00	-	1.60-2.10	YELLOW
14	1.5	34083-3002	LEFT	TIN	18/20	E-1644-00	-	1.60-2.10	
18	1.0	34081-2004	RIGHT	GOLD	18/20	E-1644-00	-	1.60-2.10	GRAY
18	1.0	34081-3004	LEFT	GOLD	18/20	E-1644-00	-	1.60-2.10	
16	1.5	34083-3001	RIGHT	TIN	14/16	E-1644-02	-	2.10-2.50	GRAY
16	1.5	34083-3001	LEFT	TIN	14/16	E-1644-02	-	2.10-2.50	
16	1.5	34081-2003	RIGHT	GOLD	14/16	E-1644-02	-	2.10-2.50	GRAY
16	1.5	34081-3003	LEFT	GOLD	14/16	E-1644-02	-	2.10-2.50	
14	1.5	34083-2001	RIGHT	TIN	14/16	-	7158-3033-40	2.54-2.69	GRAY
14	1.5	34083-3001	LEFT	TIN	14/16	-	7158-3033-40	2.54-2.69	
14	1.5	34081-2003	RIGHT	GOLD	14/16	-	7158-3033-40	2.54-2.69	GRAY
14	1.5	34081-3003	LEFT	GOLD	14/16	-	7158-3033-40	2.54-2.69	
AWG	METRIC	MOLEX	PAYOFF	PLATING	GRIP	OSR P/N	YAZAKI P/N	WIRE Ø RANGE	COLOR
WIRE SIZE	PART NUMBER	DIRECTION	TERMINAL						

INSPECTION NUMBER LOG
LAST NUMBER USED: 6
ADDED: 6
REMOVED:

ENTER DESCRIPTION EC NO: UAU2009-0706 IT: DRAWN BY THIS 2007/03/16 APPROVED BY THIS 2007/04/18 APPROX: WSHY	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	$\nabla=0$ $\nabla=0$	4 PLACES ± mm ± INCH 3 PLACES ± mm ± INCH 2 PLACES ± 0.10 ± INCH 1 PLACE ± 0.3 ± INCH ANGULAR ± 3°	MM ONLY	2:1	METRIC		
	DRAWN BY: DHZHANG CHECKED BY: DGRIFITHS APPROVED BY: SMARCEAU	DATE: 2007/03/16 DATE: 2007/04/18 DATE: 2007/04/18	TITLE	CONNECTION ASSEMBLY 2-WAY FUEL 15MM FEMALE FUEL INJECTOR CONNECTOR	MOLEX INCORPORATED	MATERIAL NO. SD-34062-002 DOCUMENT NO.	SHEET NO. 1 OF 1
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						