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Part Number:

0678380104

Status:

Active

Overview:

modular_plugs_jacks

Description:

Stacked Modular Jack with lightpipes, Right Angle, with Snap-Fit Pegs, with Side Panel Grounding Tabs and Inner Shield Ground Tabs, 4/2, 8 Ports

Documents:

3D Model

Drawing (PDF)

Product Specification PS-67838-002 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Comments

Component Type

Magnetic

Overview

Performance Category

Power over Ethernet (PoE)

Product Name

Modular Jacks/Plugs

67838

With Lightpipes

PCB Jack

No

modular_plugs_jacks

3

N/A

RJ45

Physical

Boot Color

Color - Resin

Durability (mating cycles max)

Inverted / Top Latch

Keying to Mating Part

Lightpipes/LEDs

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Orientation

PCB Locator

PCB Retention

Packaging Type

Panel Mount

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Pitch - Term. Interface (in)

Pitch - Term. Interface (mm)

Plating min: Mating (µin)

Plating min: Mating (µm)

Plating min: Termination (µin)

Plating min: Termination (µm)

Ports

Positions / Loaded Contacts

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

Waterproof / Dustproof

Wire/Cable Type

N/A

Black, Clear

500

Yes

None

Lightpipes

Phosphor Bronze

Gold

Tin-Lead

Polycarbonate, Polyester

Right Angle (Side Entry)

Yes

Yes

Tray

Without Flange

0.050 In

1.27 mm

0.050 In

1.27 mm

50

1.27

50

1.27

8

4/2

No

-40°C to +70°C

Through Hole

No

N/A

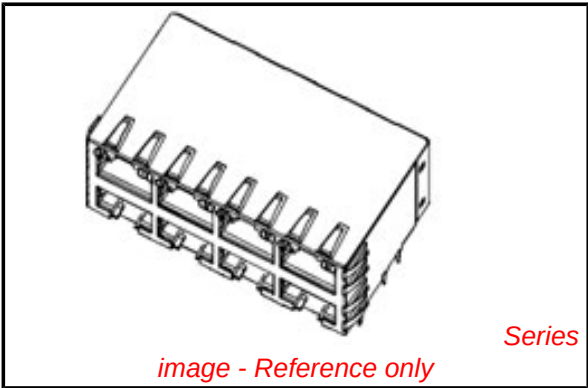
Electrical

Current - Maximum per Contact

Grounding to PCB

1.5A

Yes



EU RoHS

China RoHS

Not RoHS Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

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

67838Series

Mates With

FCC 68 Plugs

Use With

Shielded RJ45 Plugs

Grounding to Panel	With All Panel Grounding Tabs
Shielded	Yes
Voltage - Maximum	150V AC (RMS)

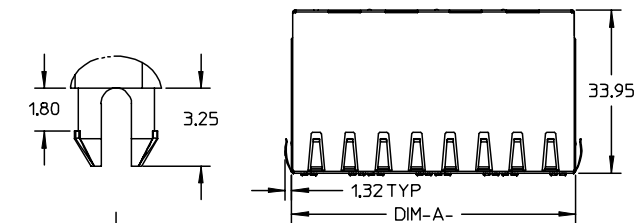
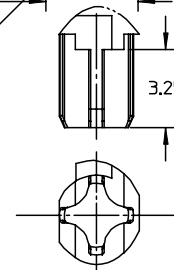
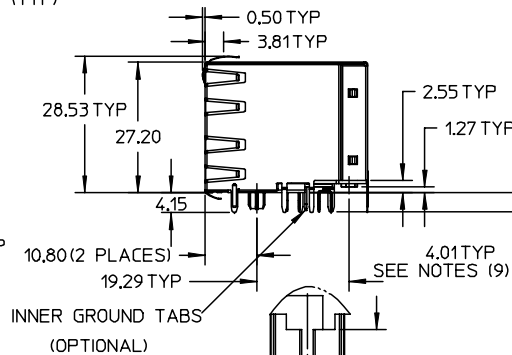
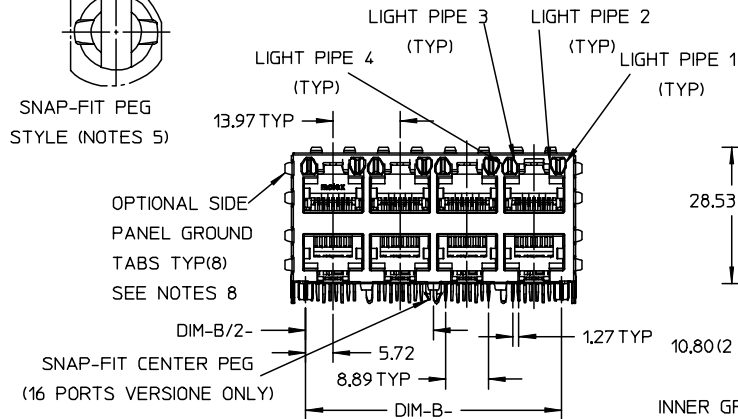
Material Info

Reference - Drawing Numbers

Product Specification	PS-67838-002
Sales Drawing	SD-67838-001

This document was generated on 06/07/2010

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SNAP-FIT PEG
STYLE (NOTES 5)PRESS-FIT PEG
STYLE (NOTES 5)

NOTES:

1.MATERIAL:

HOUSING: POLYESTER(PBT), GLASS FILLED,UL94V-0.COLOR: BLACK.

LIGHT PIPES: POLYCARBONATE,UL94V-0. COLOR: CLEAR.

TERMINALS: PHOSPHOR BRONZE.

SHIELD: BRASS.

2.PLATING:

TERMINALS: 50u" MIN. GOLD PLATE AND 50u" MIN.TIN-LEAD PLATE OVER
50u" MIN. NICKEL UNDERPLATE.SHIELD: SELECTIVE 50u" MIN. TIN-LEAD PLATE AT SOLDERING
TAILS OVER 50u" MIN. NICKEL UNDERPLATE.

3.PRODUCT SPECIFICATION: PS-67838-002.

4.PACKAGING: CONNECTOR ASSEMBLE IN THERMOFORMED TRAY.

5.CONNECTORS AVAILABLE WITH EITHER SNAP-FIT OR PRESS-FIT PEGS.

6.CONFORMS TO FCC REGULATION PART 68.5 FOR MODULAR JACKS.

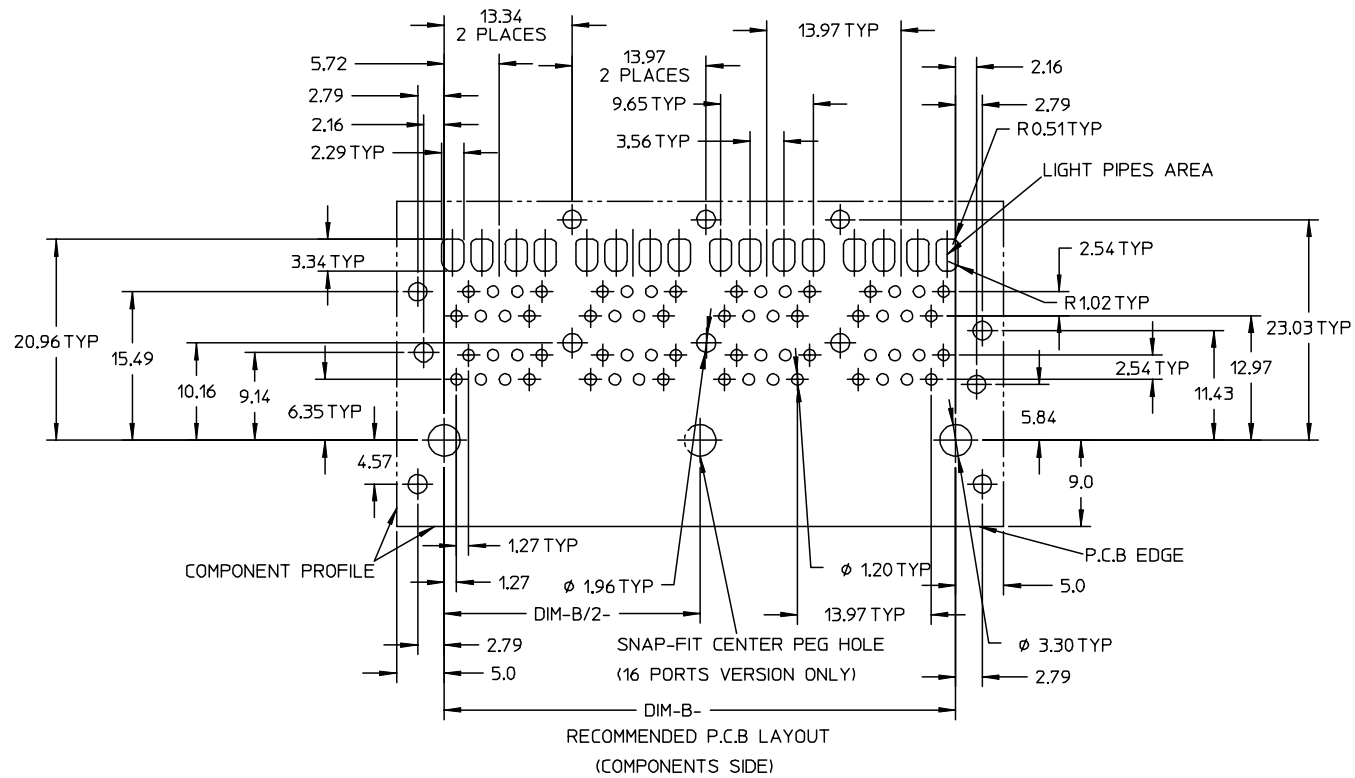
7.P.C.B LAYOUT SHOWN AS RECOMMEND LAYOUT (SHEET 2).

8.AVAILABLE WITH THE (8) PANEL GROUND TABS REMOVE ON EACH SIDE
FOR SIDE TO SIDE STACKABILITY.

9.TERMINAL LENGTH MAY BE DIFFERENT FROM TERMINAL TO TERMINAL.

ASSEMBLY MATERIAL No.	No. OF PORTS	PEG STYLE	DIM-A	DIM-B	SIDE PANEL GROUND TABS	INNER GROUND TABS
67838-0001	8 (2X4)	SNAP-FIT	59.18	53.34	YES	YES
67838-2001	8 (2X4)	SNAP-FIT	59.18	53.34	NO	YES
67838-3001	8 (2X4)	SNAP-FIT	59.18	53.34	YES	NO
67838-4001	8 (2X4)	SNAP-FIT	59.18	53.34	NO	NO
67838-0004	8 (2X4)	PRESS-FIT	59.18	53.34	YES	YES
67838-2004	8 (2X4)	PRESS-FIT	59.18	53.34	NO	YES
67838-3004	8 (2X4)	PRESS-FIT	59.18	53.34	YES	NO
67838-4004	8 (2X4)	PRESS-FIT	59.18	53.34	NO	NO
67838-0002	12(2X6)	SNAP-FIT	87.12	81.28	YES	YES
67838-2002	12(2X6)	SNAP-FIT	87.12	81.28	NO	YES
67838-3003	12(2X6)	SNAP-FIT	87.12	81.28	YES	NO
67838-4002	12(2X6)	SNAP-FIT	87.12	81.28	NO	NO
67838-0005	12(2X6)	PRESS-FIT	87.12	81.28	YES	YES
67838-2005	12(2X6)	PRESS-FIT	87.12	81.28	NO	YES
67838-3005	12(2X6)	PRESS-FIT	87.12	81.28	YES	NO
67838-4005	12(2X6)	PRESS-FIT	87.12	81.28	NO	NO
67838-0003	16(2X8)	SNAP-FIT	115.06	109.22	YES	YES
67838-2002	16(2X8)	SNAP-FIT	115.06	109.22	NO	YES
67838-3003	16(2X8)	SNAP-FIT	115.06	109.22	YES	NO
67838-4003	16(2X8)	SNAP-FIT	115.06	109.22	NO	NO
67838-0006	16(2X8)	PRESS-FIT	115.06	109.22	YES	YES
67838-2006	16(2X8)	PRESS-FIT	115.06	109.22	NO	YES
67838-3006	16(2X8)	PRESS-FIT	115.06	109.22	YES	NO
67838-4006	16(2X8)	PRESS-FIT	115.06	109.22	NO	NO

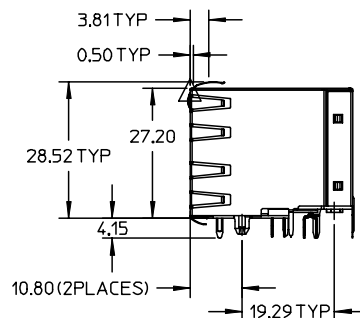
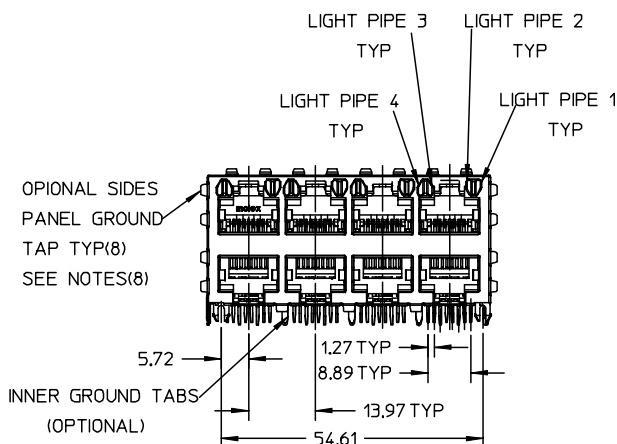
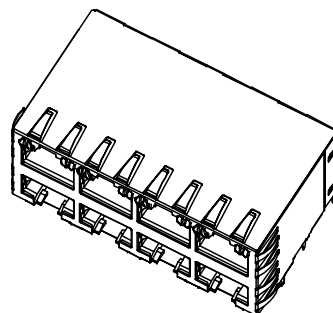
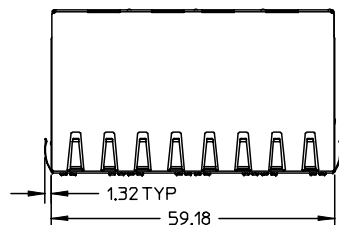
NEW RELEASE EC NO: SH2003-0013 DRWN: GRMA CHK: CHIK APPR: SHUANG	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		REVISE ON CAD ONLY	
				mm	INCH	DIMENSION STYLE		TITLE STACKED MODULAR JACK WITH LIGHT PIPES			
			4 PLACES	± ---	± ---	MM ONLY					
			3 PLACES	± ---	± ---	DRAWN BY DATE		MOLEX INCORPORATED			
			2 PLACES	± 0.25	± ---	GRATE MA 2003/04/18					
			1 PLACE	± 0.3	± ---	CHECKED BY DATE		MATERIAL NO. DOCUMENT NO. SHEET NO.			
			ANGULAR ± 1/2 °		YAJUN 2003/04/18		SEE CHART SD-67838-001 1 OF 4				
			DRAFT WHERE APPLICABLE		APPROVED BY DATE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		B		
			MUST REMAIN WITHIN DIMENSIONS		SAM 2003/04/18						
			A	REV							



NOTES:

1. DIMENSION TOLERANCE: .XX+/-0.05
.X +/-0.3.
2. DIM-A- SEE THE SHEET 1.

NEW RELEASE EC NO: SH2003-0013 DRWN: GRMA 2003/04/16 CHKD: 2003/04/17 APPR: SHUANG 2003/04/17 A	DESCRIPTION REV	QUALITY SYMBOLS ▽ = 0 ▽C = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 1:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	REVISE ON CAD ONLY	
						TITLE STACKED MODULAR JACK WITH LIGHT PIPES			



NOTES:

1.MATERIAL:

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LIGHT PIPES: POLYCARBONATE,UL94V-0.COLOR: CLEAR.

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SHIELD: BRASS.

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SHIELD: SELECTIVE 50u" MIN. TIN-LEAD PLATE AT SOLDERING TAILS OVER 50u" MIN. NICKEL UNDERPLATE.

3.PRODUCT SPECIFICATION: PS-67838-002.

4.PACKAGING: CONNECTOR ASSEMBLY IN THERMOFORMED TRAY.

5.CONNECTORS AVAILABLE WITH PRESS-FIT PEGS ONLY.

6.CONFORMS TO FCC REGULATION PART 68.5 FOR MODULAR JACKS.

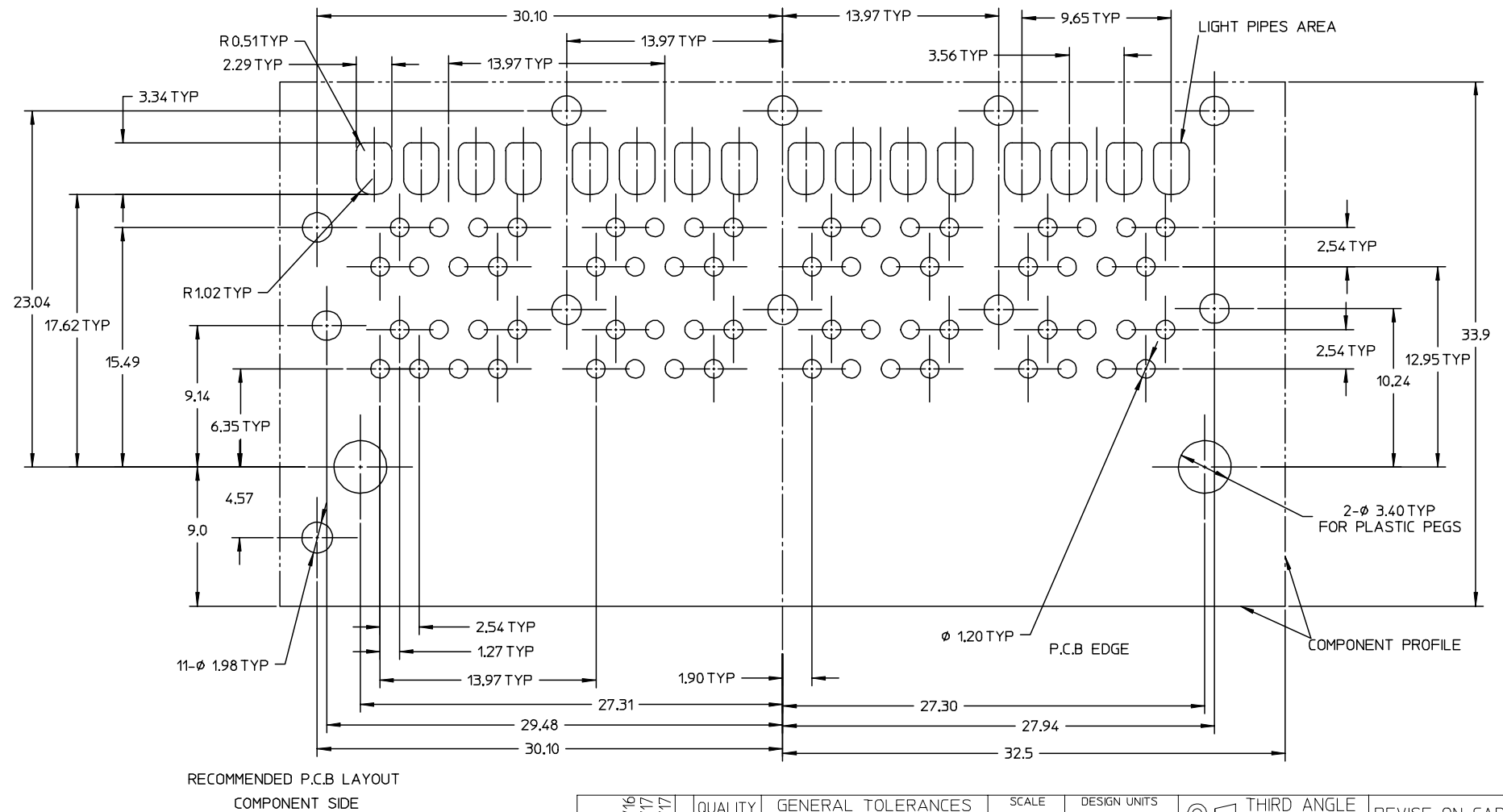
7.P.C.B LAYOUT SHOWN AS RECOMMEND LAYOUT (SHEET 4).

8.AVAILABLE WITH THE (8) PANEL GROUND TABS REMOVE ON EACH SIDE FOR SIDE TO SIDE STACKABILITY.

9.TERMINAL LENGTH MAY BE DIFFERENT FROM TERMINAL TO TERMINAL.

ASSEMBLY MATERIAL NO.	NO. OF PORTS	PEGS STYLE	SIDE PANEL GROUND TABS	INNER SHIELD GROUND TABS
67838-0104	8(2X4)	SNAP-FIT	YES	YES
67838-3104	8(2X4)	SNAP-FIT	NO	YES
67838-3104	8(2X4)	SNAP-FIT	YES	NO
67838-4104	8(2X4)	SNAP-FIT	NO	NO

NEW RELEASE EC NO: SH2003-0013 DRWN:GRMA 2003/04/16 CHKD: 2003/04/17 APPR: SHUANG 2003/04/17	QUALITY SYMBOLS	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		REVISE ON CAD ONLY	
				mm	INCH	DIMENSION STYLE MM ONLY		TITLE STACKED MODULAR JACK WITH LIGHT PIPES		
			4 PLACES	± ---	± ---	DRAWN BY DATE				
			3 PLACES	± ---	± ---	GRATE MA 2003/04/18				
			2 PLACES	± 0.25	± ---	CHECKED BY DATE				
A	QUALITY SYMBOLS	DESCRIPTION	1 PLACE	± 0.3	± ---	YAJUN 2003/04/18	molex MOLEX INCORPORATED			
			ANGULAR ±1/2°		APPROVED BY DATE		MATERIAL NO.	DOCUMENT NO.	SHEET NO.	
			DRAFT WHERE APPLICABLE		SAM 2003/04/18		SEE CHART	SD-67838-001	3 OF 4	
			MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
			REV		B					



NOTES:

1. DIMENSION TOLERANCE: .XX+/-0.05
.X +/-0.3.
2. DIM-A- SEE THE SHEET 1.

NEW RELEASE EC NO: SH2003-0013 DRWN: GRMA 2003/04/16 CHKD: 2003/04/17 APPR: SHUANG 2003/04/17 A	DESCRIPTION QUALITY SYMBOLS	 0  0	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 1:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	REVISE ON CAD ONLY			
					DIMENSION STYLE MM ONLY		TITLE STACKED MODULAR JACK WITH LIGHT PIPES				
			4 PLACES	± ---	± ---	DRAWN BY GRATE MA		DATE 2003/04/18		 MOLEX INCORPORATED	
			3 PLACES	± ---	± ---	CHECKED BY YAJUN		DATE 2003/04/18			
			2 PLACES	± 0.25	± ---	APPROVED BY SAM		DATE 2003/04/18			
			1 PLACE	± 0.3	± ---	MATERIAL NO. SEE SHEET 3		DOCUMENT NO. SD-67838-001			
						ANGULAR ±1/2°				SHEET NO. 4 OF 4	
						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		B				



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Электрон
Связь**

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