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Part Number: [0712643000](#)
Status: **Active**
Overview: [ieee 1394](#)
Description: 1.27mm (.050") Pitch MUSIC™ SSA/1394 Receptacle, 4-Bay Through-Hole, Vertical

Documents:

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

Agency Certification

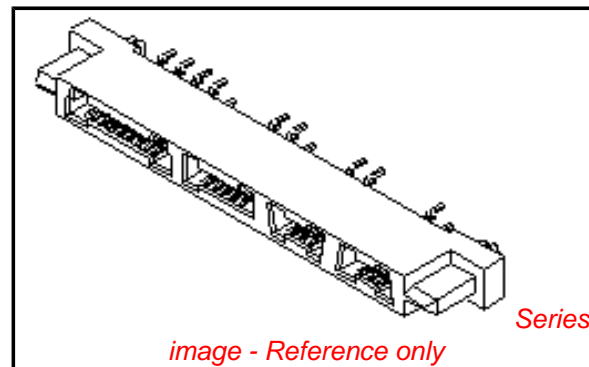
CSA LR19980
 UL E29179

General

Product Family I/O Connectors
 Series [71264](#)
 Application Board-to-Board
 Component Type Receptacle
 Overview [ieee 1394](#)
 Product Name IEEE 1394
 Type N/A

Physical

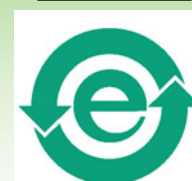
Boot Color N/A
 Circuits (Loaded) 38
 Circuits (maximum) 38
 Flammability 94V-0
 Gender Receptacle
 Keying to Mating Part Yes
 Lock to Mating Part None
 Material - Metal Phosphor Bronze
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Number of Rows 2
 Orientation Vertical
 PC Tail Length (in) 0.110 In
 PC Tail Length (mm) 2.79 mm
 PCB Locator Yes
 PCB Retention Yes
 PCB Thickness Recommended (in) 0.062 In
 PCB Thickness Recommended (mm) 1.60 mm
 Packaging Type Tray
 Panel Mount No
 Pitch - Mating Interface (in) 0.050 In
 Pitch - Mating Interface (mm) 1.27 mm
 Pitch - Term. Interface (in) 0.050 In
 Pitch - Term. Interface (mm) 1.27 mm
 Plating min: Mating (µin) 30
 Plating min: Mating (µm) 0.75
 Plating min: Termination (µin) 10
 Plating min: Termination (µm) 0.25
 Polarized to Mating Part Yes
 Polarized to PCB Yes
 Ports 4
 Surface Mount Compatible (SMC) No
 Termination Interface: Style Through Hole



EU RoHS

**ELV and RoHS
 Compliant
 REACH SVHC
 Contains SVHC: No
 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

[71264Series](#)

Mates With

[71265](#)

Waterproof / Dustproof	No
Wire Size AWG	N/A

Electrical

Current - Maximum per Contact	N/A
Grounding to Panel	Press-Fit
Shielded	No

Solder Process Data

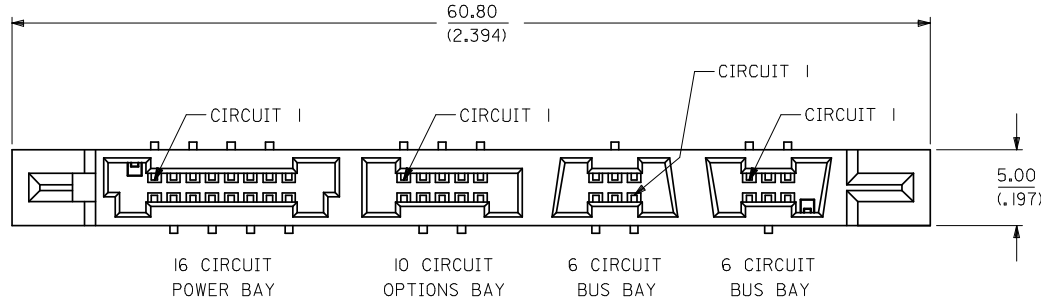
Lead-free Process Capability	SMC & Wave Capable (TH only)
Process Temperature max. C	235

Material Info**Reference - Drawing Numbers**

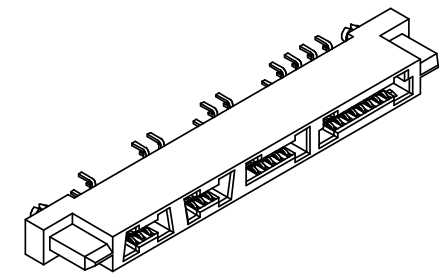
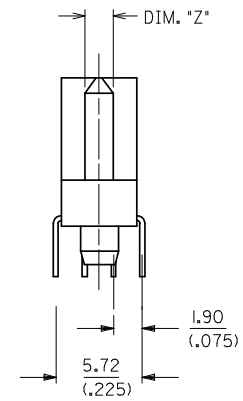
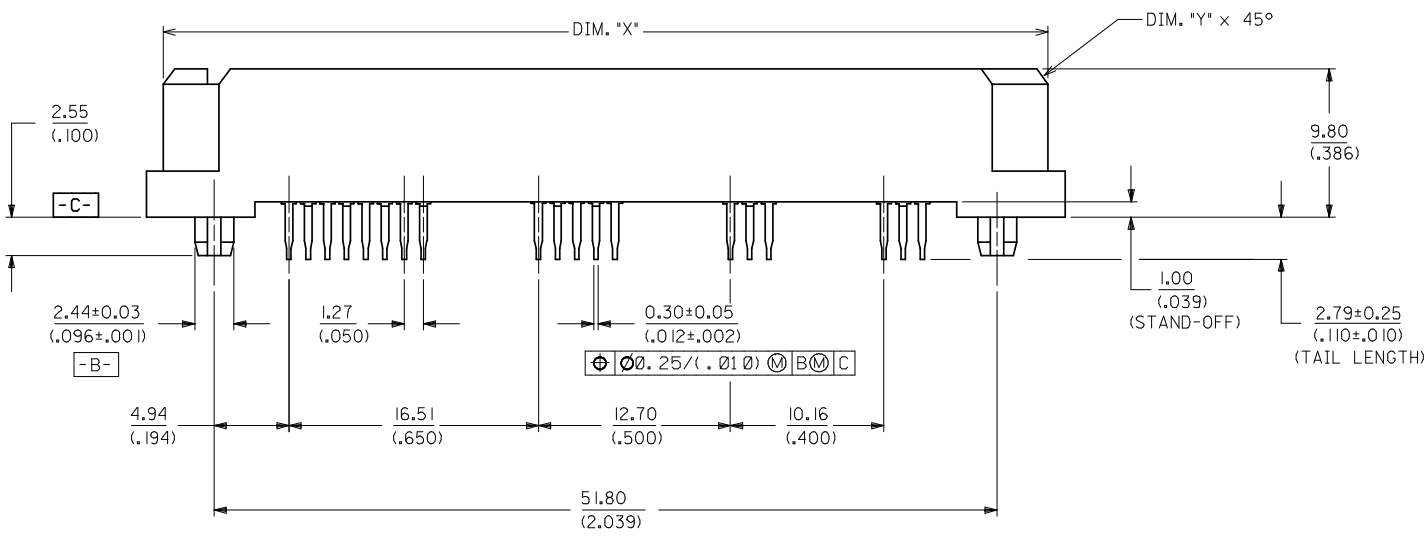
Packaging Specification	PK-71264-0000
Sales Drawing	SDA-71264-3***

This document was generated on 05/19/2010

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NOTES:
 1. MATERIALS:
 HOUSING - 30% GLASS FILLED POLYMER, 94V-0, BLACK.
 TERMINALS - COPPER ALLOY.
 2. PLATING:
 0.00076/(.000030) GOLD OVER 0.0019/(.000075) NICKEL IN CONTACT AREA AND 0.0013/(.000050) TIN OVER NICKEL IN PC TAIL AREA.
 3. RECOMMENDED PC BOARD THICKNESS IS 1.6/(.062), REFER TO SHEET 2 FOR LAYOUT.



PART #	DIM "X"	DIM. "Y"	DIM. "Z"
71264-3000	57.55±0.05 (2.266±.002)	1.00±0.05 (.039±.002)	1.87±0.05 (.074±.002)

NOTE 2 REMVD LEAD
 EC NO: UCP2006-1381
 DRWN:TWCCLELL 2005/12/24
 CHKD:BANAKIS 2005/12/29
 APPR:MBANAKIS 2006/01/03

QUALITY SYMBOLS
 ▽=0
 ▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)
 4 PLACES ± --- ± ---
 3 PLACES ± --- ±.010
 2 PLACES ± 0.25 ±.02
 1 PLACE ± 0.5 ± ---
 ANGULAR ±1/2°

DRAFT WHERE APPLICABLE
 MUST REMAIN
 WITHIN DIMENSIONS

DIMENSION STYLE
 MM/IN

DRAWN BY DATE
 MOS 6/11/95

CHECKED BY DATE
 MOS 6/11/95

APPROVED BY DATE
 BANAKIS 6/11/95

MATERIAL NO.
 SEE CHART

SIZE
 C

SCALE
 4:1

DESIGN UNITS
 INCH

THIRD ANGLE PROJECTION

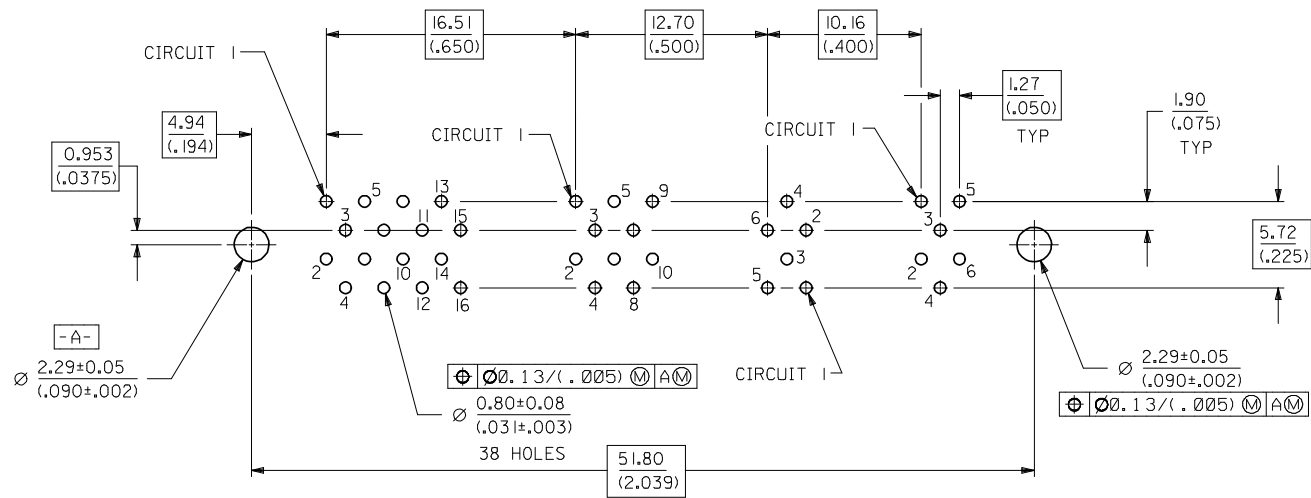
TITLE
 MUSIC SSA 4-BAY
 VERTICAL RECEPTACLE
 CONNECTOR ASSEMBLY

MOLEX INCORPORATED

DOCUMENT NO.
 SDA-71264-3***

SHEET NO.
 1 OF 2

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION



RECOMMENDED PC BOARD LAYOUT COMPONENT SIDE

SEE SHEET 1 EC NO: UCP2006-1381 DRWN: MCCLLELL 2005/12/21 CHKD: BANAKIS 2005/12/29 APPR: MBANAKIS 2006/01/03	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN	SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
		4 PLACES ± .05 ± .02 3 PLACES ± .05 ± .02 2 PLACES ± 0.25 ± .02 1 PLACE ± 0.5 ± .02	mm INCH	DRAWN BY MOS	DATE 6/11/95	TITLE MUSIC SSA 4-BAY VERTICAL RECEPTACLE CONNECTOR ASSEMBLY		
		ANGULAR ± 1/2°		CHECKED BY MOS	DATE 6/11/95	MOLEX INCORPORATED		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY BANAKIS	DATE 6/11/95	MATERIAL NO. SEE CHART		DOCUMENT NO. SDA-71264-3***