

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**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**

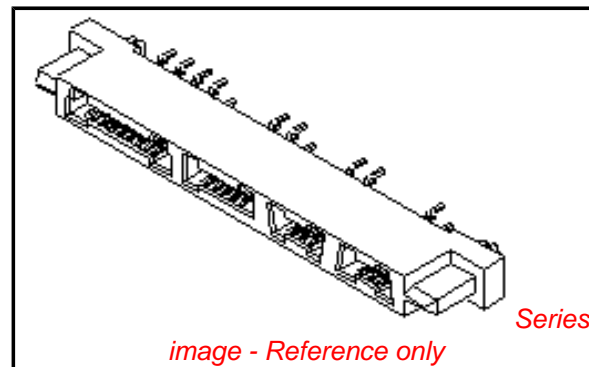
CSA LR19980  
 UL E29179

**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**

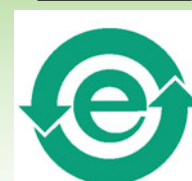
Boot Color N/A  
 Circuits (Loaded) 38  
 Circuits (maximum) 38  
 Flammability 94V-0  
 Gender Receptacle  
 Keying to Mating Part Yes  
 Lock to Mating Part None  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Number of Rows 2  
 Orientation 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](mailto: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**

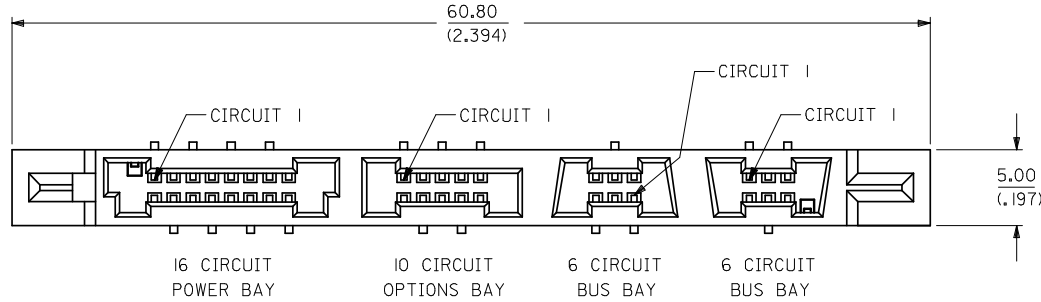
Lead-free Process Capability	SMC & Wave Capable (TH only)
Process Temperature max. C	235

**Material Info****Reference - Drawing Numbers**

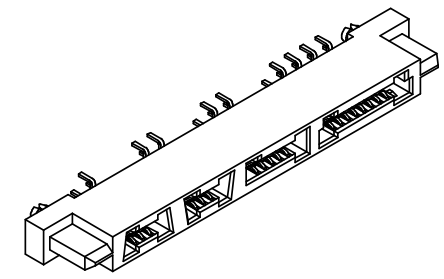
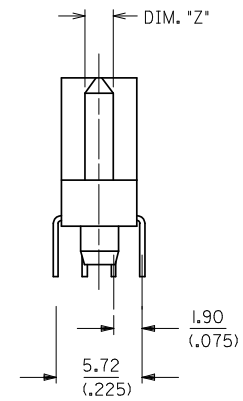
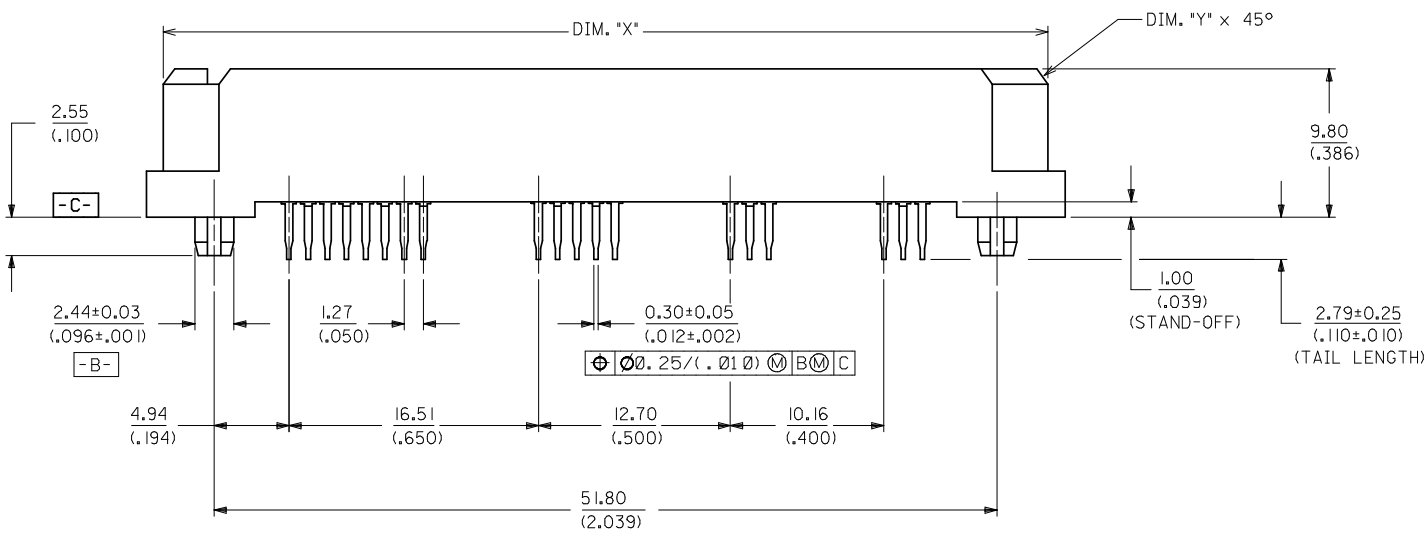
Packaging Specification	PK-71264-0000
Sales Drawing	SDA-71264-3***

This document was generated on 05/19/2010

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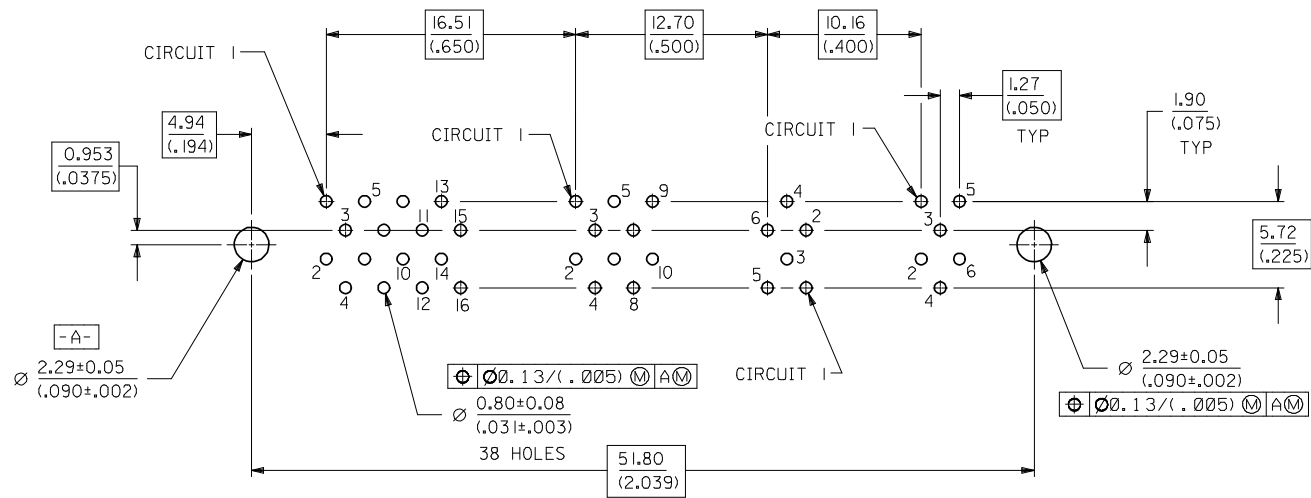
NOTES:  
 1. MATERIALS:  
 HOUSING - 30% GLASS FILLED POLYMER, 94V-0, BLACK.  
 TERMINALS - COPPER ALLOY.  
 2. PLATING:  
 0.00076/(.000030) GOLD OVER 0.0019/(.000075) NICKEL IN CONTACT AREA AND 0.0013/(.000050) TIN OVER NICKEL IN PC TAIL AREA.  
 3. RECOMMENDED PC BOARD THICKNESS IS 1.6/(.062), REFER 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 	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM/IN	SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
	4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± .02 1 PLACE ± 0.5 ± --- ANGULAR ±1/2°	DRAWN BY MOS DATE 6/11/95 CHECKED BY MOS DATE 6/11/95 APPROVED BY BANAKIS DATE 6/11/95	TITLE MUSIC SSA 4-BAY VERTICAL RECEPTACLE CONNECTOR ASSEMBLY	MOLEX INCORPORATED	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. SEE CHART	DOCUMENT NO. SDA-71264-3***	SHEET NO. 1 OF 2		



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***	SHEET NO. 2 OF 2	