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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

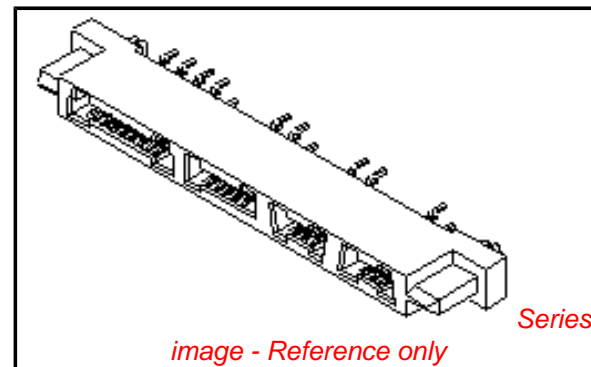
CSA LR19980
 UL E29179

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

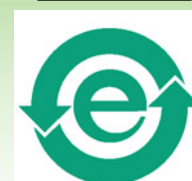
Boot Color N/A
 Circuits (Loaded) 38
 Circuits (maximum) 38
 Flammability 94V-0
 Gender Receptacle
 Keying to Mating Part Yes
 Lock to Mating Part None
 Material - Metal Phosphor Bronze
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Number of Rows 2
 Orientation Vertical
 PC Tail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

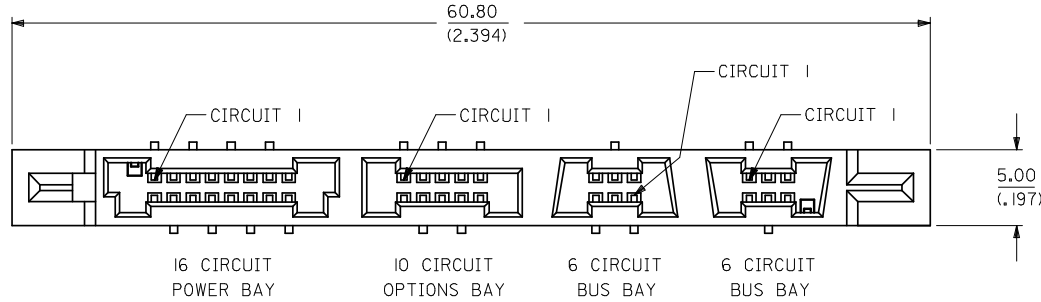
| | |
|------------------------------|------------------------------|
| Lead-free Process Capability | SMC & Wave Capable (TH only) |
| Process Temperature max. C | 235 |

Material Info**Reference - Drawing Numbers**

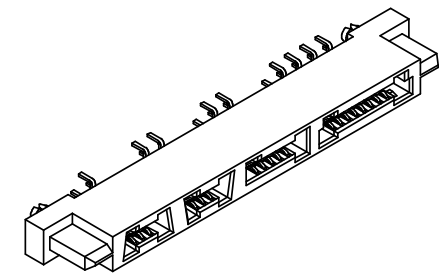
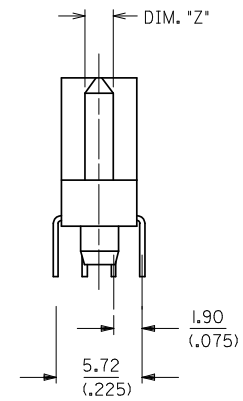
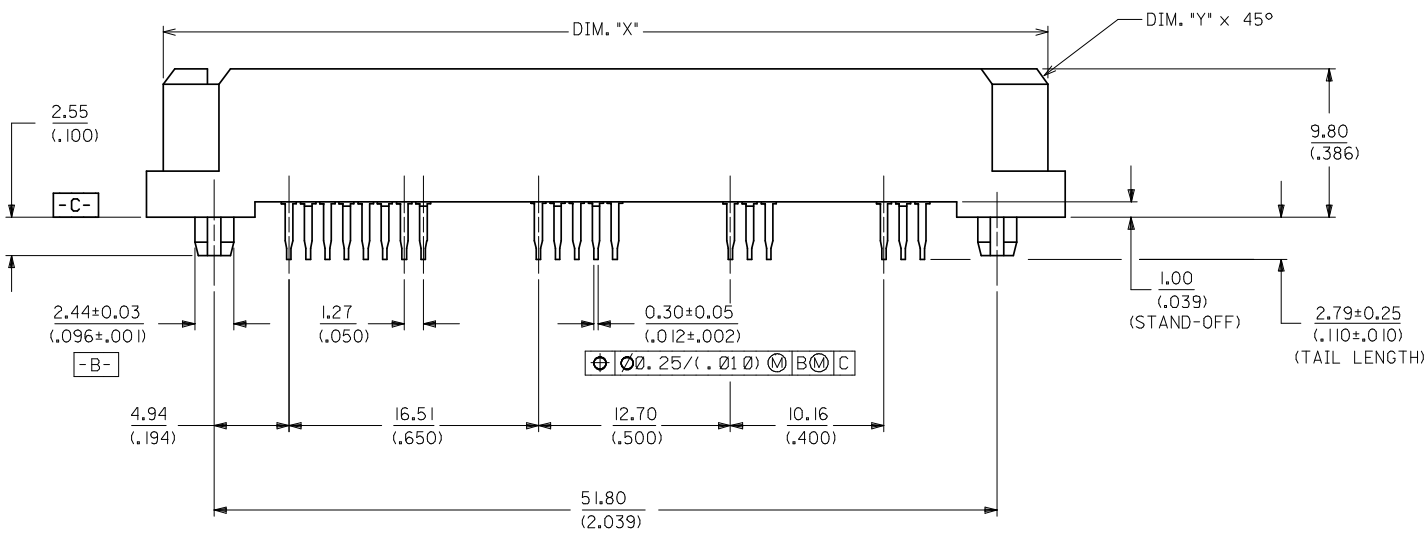
| | |
|-------------------------|----------------|
| Packaging Specification | PK-71264-0000 |
| Sales Drawing | SDA-71264-3*** |

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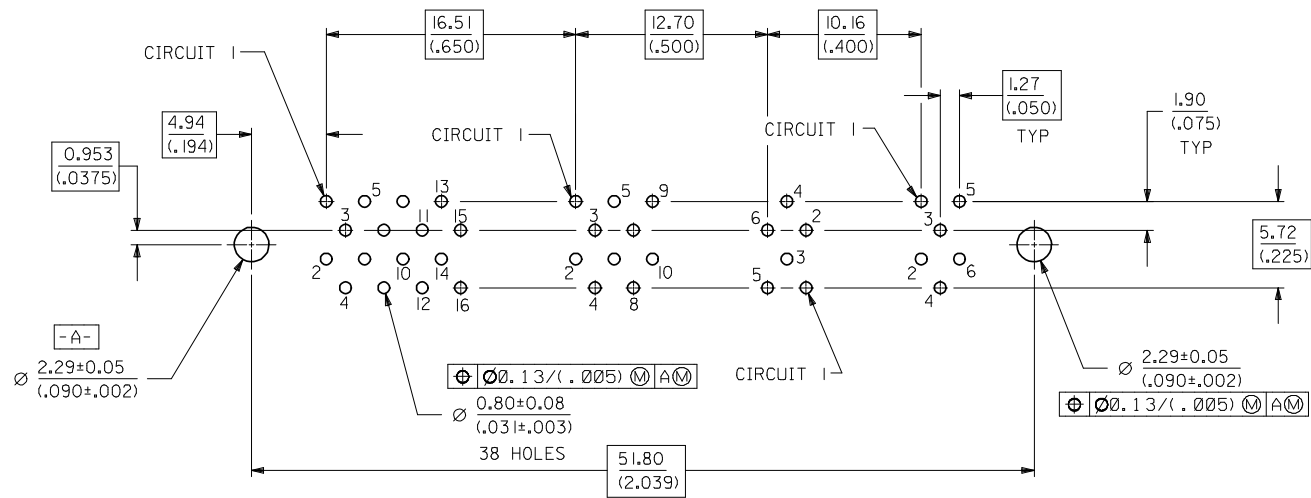
NOTES:
 1. MATERIALS:
 HOUSING - 30% GLASS FILLED POLYMER, 94V-0, BLACK.
 TERMINALS - COPPER ALLOY.
 2. PLATING:
 0.00076/(.000030) GOLD OVER 0.0019/(.000075) NICKEL IN CONTACT AREA AND 0.0013/(.000050) TIN OVER NICKEL IN PC TAIL AREA.
 3. RECOMMENDED PC BOARD THICKNESS IS 1.6/(.062), REFER TO SHEET 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:MCLELL 2005/12/24
 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 ± --- ± --- | 3 PLACES ± --- ± .010 | 2 PLACES ± 0.25 ± .02 | 1 PLACE ± 0.5 ± --- | DRAWN BY MOS | DATE 6/11/95 | TITLE MUSIC SSA 4-BAY VERTICAL RECEPTACLE CONNECTOR ASSEMBLY |
| DESCRIPTION REV | ANGULAR ±1/2° | | APPROVED BY BANAKIS | | DATE 6/11/95 | 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: MCLELL 2005/12/21 CHKD: BANAK IS 2005/12/29 APPR: MBANAK IS 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 | DRAWN BY MOS 6/11/95 | | DATE 6/11/95 | CHECKED BY MOS 6/11/95 | DATE 6/11/95 |
| | | ANGULAR ± 1/2° | | | | APPROVED BY BANAK IS 6/11/95 | | DATE 6/11/95 | MATERIAL NO. | DOCUMENT NO. SDA-71264-3*** |
| | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | SEE CHART | | SHEET NO. 2 OF 2 | MOLEX INCORPORATED | |

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