

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

5002541941

Status:

Active

Overview:

high_definition_multimedia_interface_hdmi

Description:

HDMI* Receptacle, Right Angle with Screw Flange, SMT Solder Tails and Through Hole Shell Tabs, Use With No.4-40 UNC Screw

Documents:

3D Model

Drawing (PDF)

Product Specification PS-501194-001 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family	I/O Connectors
Series	500254
Application	Wire-to-Board
Component Type	Receptacle
Overview	high_definition_multimedia_interface_hdmi
Product Name	HDMI
Type	N/A

Physical

Boot Color	N/A
Circuits (Loaded)	19
Circuits (maximum)	19
Color - Resin	Black
Gender	Male
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	2
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness Recommended (in)	0.063 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Tray
Panel Mount	Yes
Pitch - Mating Interface (in)	0.020 In
Pitch - Mating Interface (mm)	0.50 mm
Pitch - Term. Interface (in)	0.020 In
Pitch - Term. Interface (mm)	0.50 mm
Plating min: Mating (µin)	30.4
Plating min: Mating (µm)	0.76
Plating min: Termination (µin)	40
Plating min: Termination (µm)	1
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	1
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-20°C to +85°C
Termination Interface: Style	Surface Mount
Waterproof / Dustproof	No
Wire Size AWG	N/A

Electrical

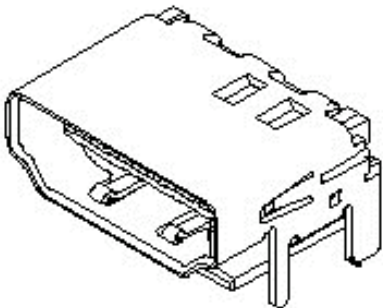


image - Reference only

Series

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

500254Series

Mates With

501194 HDMI Cable Assemblies,
Link:88768

Use With

No.4-40 UNC Screw

Current - Maximum per Contact	0.5A
Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	40V AC (RMS)/DC

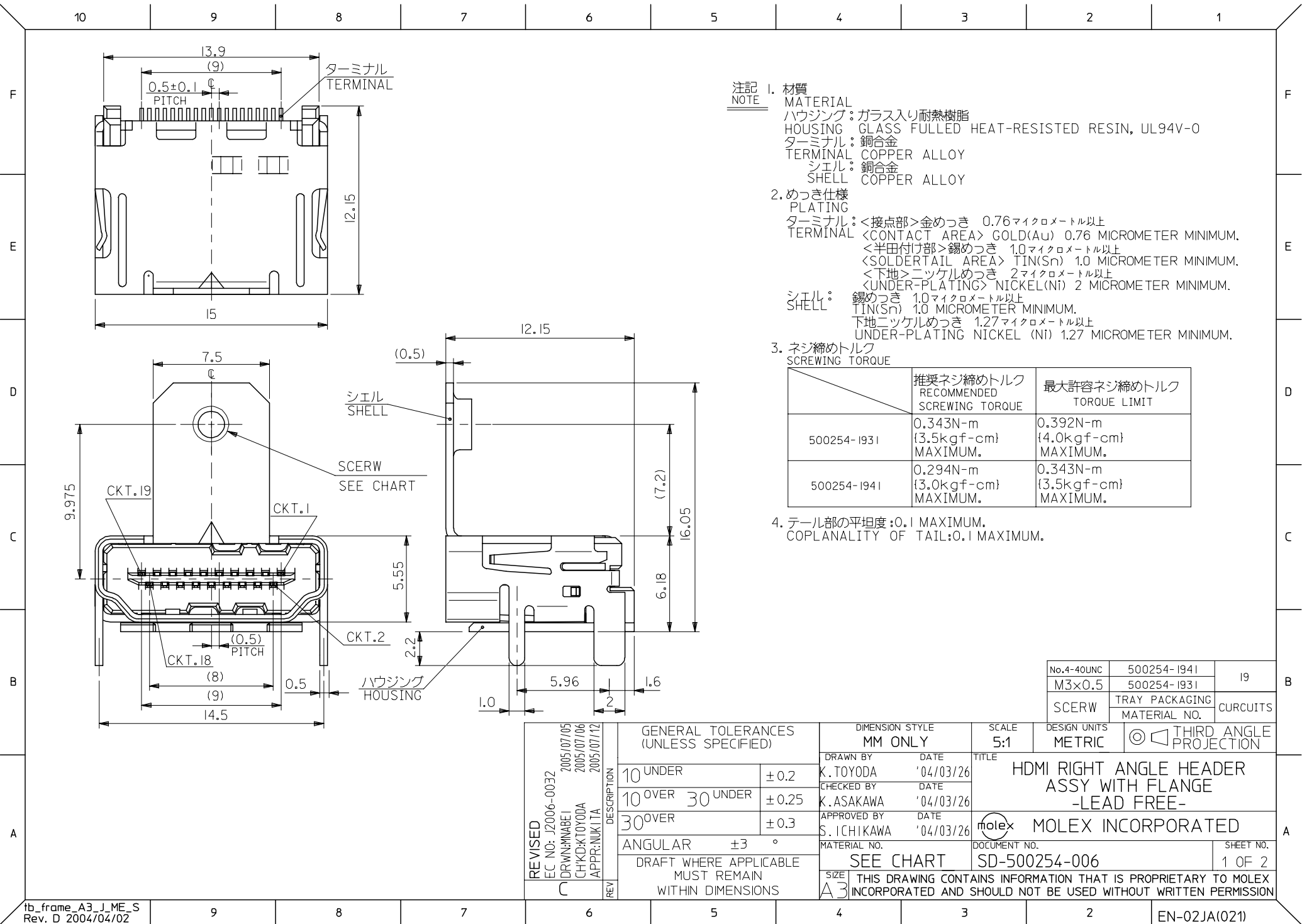
Material Info

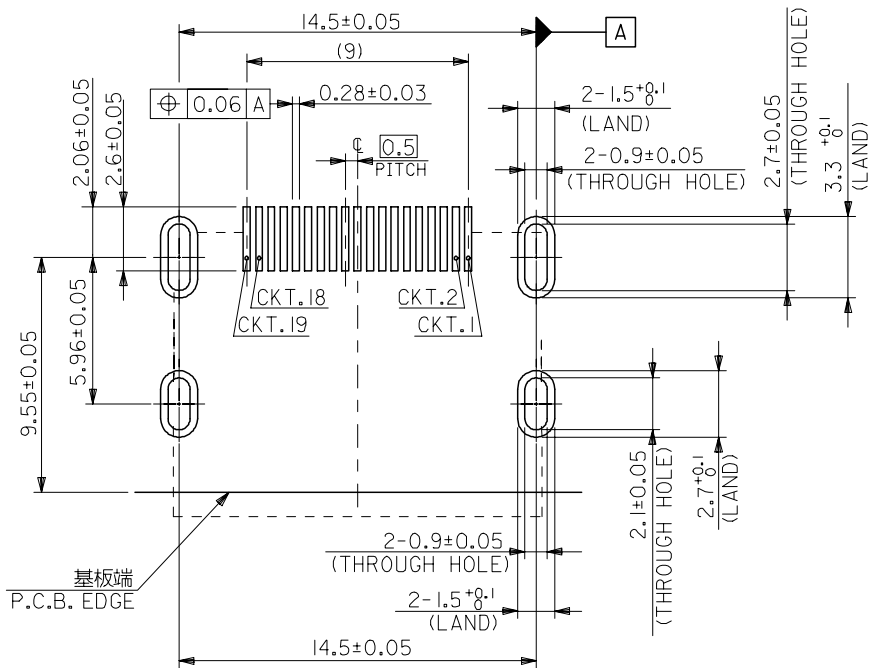
Reference - Drawing Numbers

Packaging Specification	SPK-500254-001
Product Specification	PS-501194-001
Sales Drawing	SD-500254-004, SD-500254-006

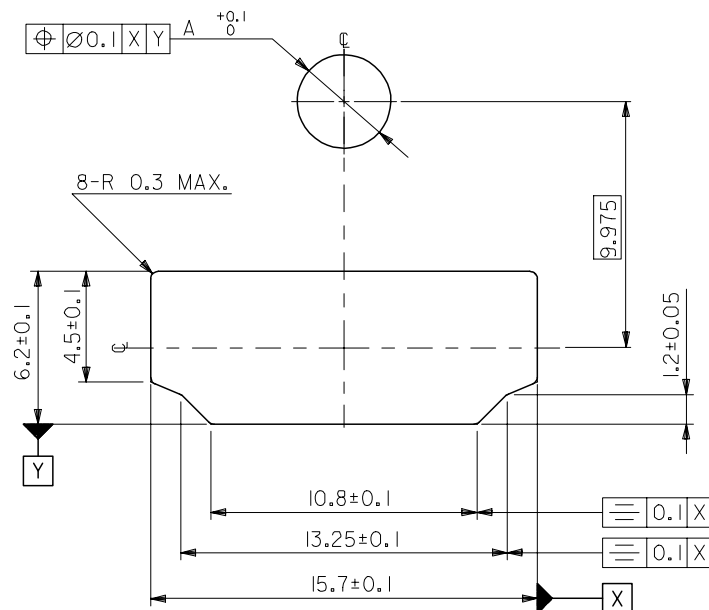
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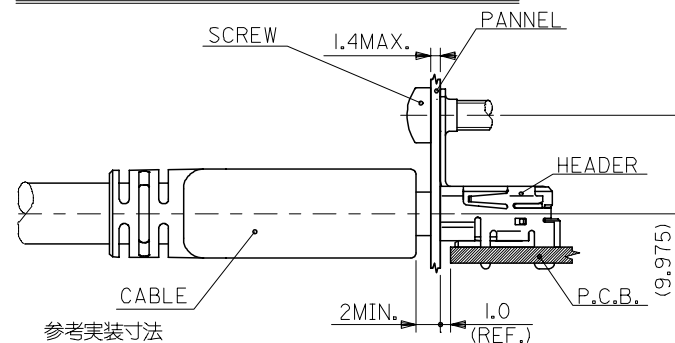




推奨基板寸法
RECOMMENDED P.C.B. PATTERN LAYOUT (±1.6±0.15)
(COMPONENT SIDE)



参考パネル寸法
REFERENCE PANEL CUT OUT DIMENSION.



参考実装寸法
REFERENCE MOUNT DIMENSION.
(SCALE 2:1)

3.45	500254-1941
3.6	500254-1931
"A"	TRAY PACKAGE

REVISED EC NO: J2006-0032 DRAWN: NABEI CHKD: K TOYODA APPR: NUKITA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
		10 UNDER	±0.2	DRAWN BY K. TOYODA	DATE '04/03/26	TITLE HDMI RIGHT ANGLE HEADER ASSY WITH FLANGE -LEAD FREE-	MOLEX INCORPORATED	
		10 OVER 30 UNDER	±0.25	CHECKED BY K. ASAKAWA	DATE '04/03/26			
		30 OVER	±0.3	APPROVED BY S. ICHIKAWA	DATE '04/03/26			
		ANGULAR ±3 °		MATERIAL NO.				
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-500254-006		2 OF 2	
	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						