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Part Number:

0365110122

Status:

Active

Overview:

[din_41612](#)

Description:

2.54mm (.100") Pitch DIN 41612 Header, Style R, Through Hole, Vertical, 0.60µm (24µ") Gold (Au) Plating, Tail Length 4.50mm (.177"), 64 Circuits

Documents:

[Drawing \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

[Product Specification PS-36511-001 \(PDF\)](#)

General

Product Family

Backplane Connectors

Series

36511

Application

Backplane

Comments

No Mounting Clip

Component Type

PCB Header

Overview

[din_41612](#)

Product Name

IEC 603-2/DIN 41612

Style

R

Physical

Circuits (Loaded)

64

Circuits (maximum)

64

Circuits Detail

1,2,3,...32; a+c

Color - Resin

Gray

Durability (mating cycles max)

400

First Mate / Last Break

No

Guide to Mating Part

No

Keying to Mating Part

None

Material - Metal

Brass

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Material - Resin

Polyester

Number of Columns

32

Number of Pairs

Open Pin Field

Number of Rows

2

Orientation

Vertical

PC Tail Length (in)

0.177 In

PC Tail Length (mm)

4.50 mm

PCB Locator

No

PCB Retention

Yes

PCB Thickness Recommended (in)

0.062 In, 0.125 In

PCB Thickness Recommended (mm)

1.60 mm, 3.20 mm

Packaging Type

Carton

Pitch - Mating Interface (in)

0.100 In

Pitch - Mating Interface (mm)

2.54 mm

Pitch - Term. Interface (in)

0.100 In

Pitch - Term. Interface (mm)

2.54 mm

Plating min: Mating (µin)

24

Plating min: Mating (µm)

0.60

Polarized to PCB

No

Stackable

No

Surface Mount Compatible (SMC)

No

Temperature Range - Operating

-55°C to +125°C

Electrical

EU RoHS

China RoHS

ELV and 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

36511Series

Current - Maximum per Contact	1A
Data Rate	622.0 Mbps
Voltage - Maximum	1000V (RMS)

Material Info

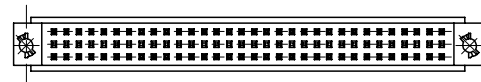
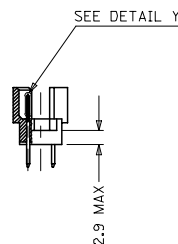
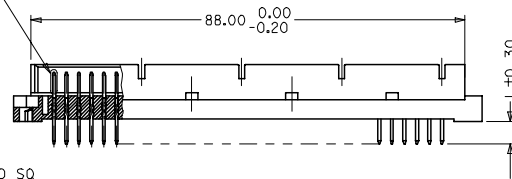
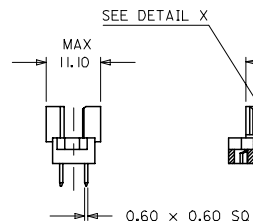
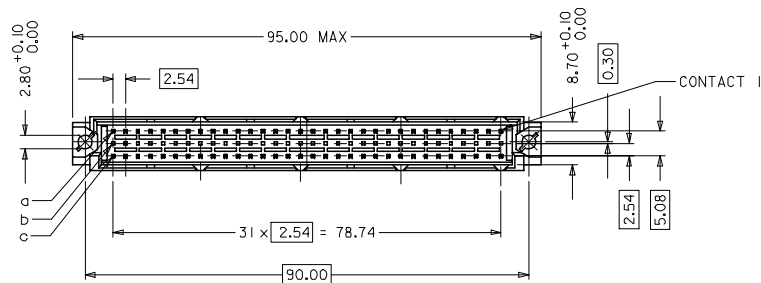
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Reference - Drawing Numbers

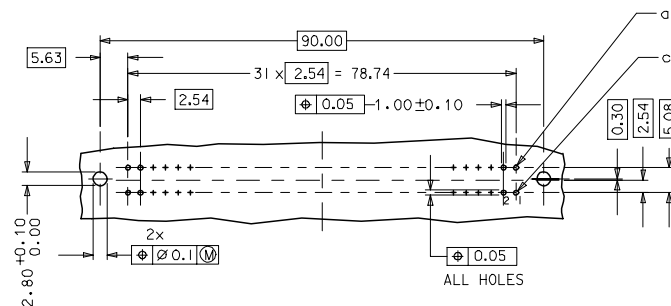
Packaging Specification	PK-36511-001
Product Specification	PS-36511-001
Sales Drawing	SD-36511-004

This document was generated on 05/13/2010

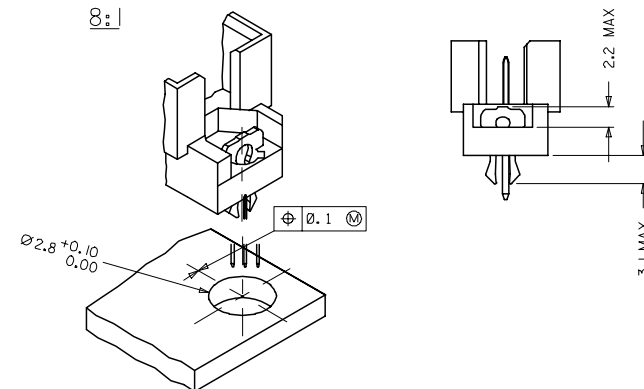
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RECOMMENDED PCB LAYOUT COMPONENT SIDE



WITH MOUNTING CLIPS



NOTES:

- 1) MATERIALS: THERMOPLASTIC POLYESTER, GLASS FILLED, UL94V-0, COLOUR: PEBBLE GREY RAL 7032
TERMINAL - BRASS
MOUNTING CLIP: STEEL
- 2) FINISH: TERMINAL:-
CONTACT AREA
1. PERFORMANCE LEVEL 1: SELECTIVE GOLD (Au), THICKNESS = 1.1 MICROMETER
OVER NICKEL, THICKNESS = 1.25 MICROMETER
2. PERFORMANCE LEVEL 2: SELECTIVE GOLD (Au), THICKNESS = 0.6 MICROMETER
OVER NICKEL, THICKNESS = 1.25 MICROMETER
3. PERFORMANCE LEVEL 3: SELECTIVE GOLD (Au), THICKNESS = 0.3 MICROMETER
OVER NICKEL, THICKNESS = 1.25 MICROMETER
TERMINATION AREA:
SELECTIVE TIN, THICKNESS = 2.5 MICROMETER
OVER NICKEL, THICKNESS = 1.25 MICROMETER OVERALL
- 3) MOUNTING CLIP:-
TIN (Sn), THICKNESS = 5-10 MICROMETER,
OVER NICKEL (Ni), THICKNESS = 2.5 MICROMETER
- 4) FOR NON MOUNTING CLIP OPTION, CONNECTOR TO BE SECURED WITH
RIVETS: 2 TUBULAR RIVETS 2.5 x 0.3 ... DIN 7340
SCREWS: 2 CHEESEHEAD SCREWS M2.5 x ... DIN 84 AND 2 HEXAGONAL NUTS M2.5 DIN 934
- 5) MATERIAL NUMBER, BATCH CODE, UL AND CSA MARKING
TO BE PRINTED ON THE CONNECTOR
- 6) CUT FACE OF TIP WITHOUT PLATING PERMITTED
- 7) PRODUCT SPECIFICATION PS : 36511-001

RoHS COMPLIANT

EC NO: 2007-0044 DRW/SATTI/MAD CHK/SUBHAR APPR/SUBHAR	2006/10/10	2006/10/17	QUALITY SYMBOLS ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
					MM ONLY		2:1	METRIC				
					DRAWN BY DATE		TITLE		ASSEMBLY, DIN 41612 R MALE 64 SOLDER			
	4 PLACES ±				SS 1999/09/24							
	3 PLACES ±				CHECKED BY DATE							
	2 PLACES ±				GJLOWE 1999/09/24							
	1 PLACE ±				APPROVED BY DATE							
					GJLOWE 1999/09/24		MOLEX MOLEX INCORPORATED					
					MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
					SEE CHART		SD-36511-004		1 OF 2			
		SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								
		A1										

