

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0365040051

Status:

Active

Overview:

[din_41612](#)

Description:

2.54mm (.100") Pitch C Style Male Header, Right Angle, Through Hole, 0.3 μm(12μ") Selective Gold (Au), 64 Circuits, First-Mate-Last-Break Pins, with Mounting Clips, Lead Free

Documents:	
3D Model	Product Specification PS-36502-001 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

General	
Product Family	Backplane Connectors
Series	36504
Application	Daughtercard
Comments	With Mounting Clips, with Premating Contact Positions
Component Type	PCB Header
Overview	din_41612
Product Name	IEC 603-2/DIN 41612
Style	C
Physical	
Circuits (Loaded)	64
Circuits (maximum)	64
Circuits Detail	Standard Contacts at: a2-a31; c2-c31 . Premating Contacts at: a1,a32,c1,c32
Color - Resin	Gray
Durability (mating cycles max)	50
First Mate / Last Break	Yes
Guide to Mating Part	No
Keying to Mating Part	Yes
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	Right Angle
PC Tail Length (in)	0.118 In
PC Tail Length (mm)	3.00 mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 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)	12
Plating min: Mating (μm)	0.30
Plating min: Termination (μin)	98
Plating min: Termination (μm)	2.5
Polarized to PCB	Yes
Stackable	No

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

36504Series

Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55°C to +125°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	1.5A
Data Rate	622.0 Mbps
Voltage - Maximum	250V AC (RMS)

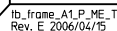
Material Info

Reference - Drawing Numbers

Packaging Specification	PK-36504-001
Product Specification	PS-36502-001
Sales Drawing	SD-36504-006

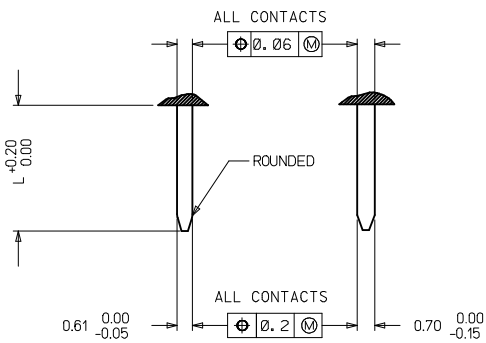
This document was generated on 05/13/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION



	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
M	MATERIAL NUMBER	MOLEX ENG NO	PERF LEVEL	PLATING	STD. CONTACT SEQUENCE/ROW	PREMATING CONTACT POS.	MOUNTING CLIP													
	36504-0051	MM-B7600-C953	3	Au+Ni	a2-31, c2-31	a1, a32, c1, c32	YES													

DETAILY DETAILX



PRE MATING CONTACTS	5.4
NORMAL CONTACTS	4.8
	L

RoHS COMPLIANT

ENTER DESCRIPTION
EC NO: 1209-0311
DRAWN BY: CHYKDHAR HARSHA
APPROVED BY: APPR:SPANDI

2009/02/02
2009/02/02
2009/02/03

REV
A2

QUALITY SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)
mm INCH
4 PLACES ± --- ± ---
3 PLACES ± 0.005 ± ---
2 PLACES ± 0.10 ± ---
1 PLACE ± 0.15 ± ---
ANGULAR ± 2 °
DRAFT WHERE APPLICABLE
MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY

DRAWN BY: SURAJ
CHECKED BY: SHANKAR
APPROVED BY: SSUDHIR
DATE: 2006/08/25
DATE: 2006/08/25
DATE: 2006/08/25

DRAFT WHERE APPLICABLE
MUST REMAIN WITHIN DIMENSIONS

SCALE: 1:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

TITLE: ASSEMBLY, DIN 41612
C MALE POLARIZED 64 POS
CODING WTH MOUNTING CLPS

MATERIAL NO: 36504-0051
DOCUMENT NO: SD-36504-006

SHEET NO: 2 OF 2

MoLEX MOLEX INCORPORATED

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