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Part Number:

0367180001

Status:

Active

Overview:

din_41612

Description:

2.54mm (.100") Pitch DIN 41612 Receptacle, Style R, Female, Right Angle,Through Hole, 0.60µm (24µ") Selective Gold (Au), PC Tail Length 3.00mm (.118"), 64 Circuits

Documents:

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Product Specification PS-36509-001 (PDF)

General	
Product Family	Backplane Connectors
Series	36718
Application	Daughtercard
Comments	No Mounting Clip. With Sealing Strip
Component Type	PCB Receptacle
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	Yes
Material - Metal	Phosphor Bronze
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)	0.063 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)	24
Plating min: Mating (µm)	0.60
Polarized to PCB	Yes
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55°C to +125°C
Termination Interface: Style	Through Hole

EU RoHS

China RoHS

Compliance Status

Not Reviewed

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

36718Series

Electrical

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

Material Info

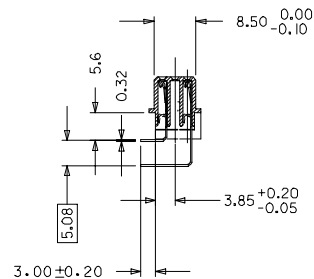
Old Part Number	MMB2500R963-101
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Reference - Drawing Numbers

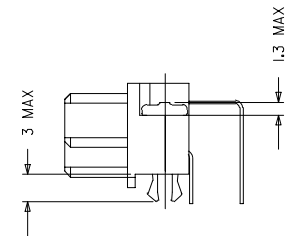
Product Specification	PS-36509-001
Sales Drawing	SD-36718-001

This document was generated on 05/13/2010

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ENTER DESCRIPTION EC NO: 2007-0364 DRIVINGS MARAD CHIKHARASAD APPER KPRASAD		QUALITY SYMBOLS ▽=0 ▽=0		GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES + - - - 3 PLACES ± 0.005 + - - - 2 PLACES ± 0.05 + - - - 1 PLACE ± 0.1 + - - - ANGULAR ± 2 °		DIMENSION STYLE MM ONLY DRAWN BY DATE SHANKAR 2007/03/14 CHECKED BY DATE KPRASAD 2007/03/14 APPROVED BY DATE KPRASAD 2007/03/14		SCALE 2:1 DESIGN UNITS METRIC		 THIRD ANGLE PROJECTION		TITLE ASSY DIN41612 R FEMALE A+C LOADED 64 POS CDOT PART		MOLEX INCORPORATED	
A NEW		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				MATERIAL NO. SEE SHEET 2		DOCUMENT NO. SD-36718-001		SHEET NO. 1 OF 2		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	
M	MATERIAL No	MOLEX ENG No	CDOT PART NO.	PERF LEVEL	PLATING	CONTACT SEQUENCE/ROW	MOUNTING CLIP	SEALING STRIP													M
	36718-0001	MM-B2500-R963-ID1	MCC-EURVF000-302	2	Au+Ni	1,2,3....32 a+c	NO	YES													
L																					L
K																					K
J																					J
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B																					B
A																					A
	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1		

CONNECTOR WITH SEALING STRIP

HOUSING

TERMINAL

SEALING STRIP

RoHS COMPLIANT

ENTER DESCRIPTION
E.C. NO. 1207/0364
DRAWN BY SHANKAR 2007/03/16
CHKD BY KPRASAD 2007/03/16
APPR. BY KPRASAD 2007/03/16

REV
A

QUALITY SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± 0.005	± ---
2 PLACES	± 0.05	± ---
1 PLACE	± 0.1	± ---

ANGULAR ± 2 °

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

SIZE
A 1

DIMENSION STYLE
MM ONLY

DRAWN BY SHANKAR 2007/03/16
CHECKED BY KPRASAD 2007/03/16
APPROVED BY KPRASAD 2007/03/16

DIMENSION NO.
SEE CHART

SCALE
2:1

DESIGN UNITS
METRIC

THIRD ANGLE PROJECTION

ASSY DIN41612 R FEMALE
A+C LOADED 64 POS
CDOT PART

MOLEX

MOLEX INCORPORATED

MATERIAL NO.
SD-36718-001

DOCUMENT NO.

SHEET NO.
2 OF 2

19

18

17

16

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