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Part Number:

0367180006

Status:

Active

Overview:

din_41612

Description:

R ML 96P CL2 AU ST 15.1 C DOT PRINT

Documents:

Drawing (PDF)

Product Specification PS-36509-001 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Application

Comments

Component Type

Overview

Product Name

Style

Backplane Connectors

36718

Daughtercard

No Mounting Clip

PCB Header

din_41612

IEC 603-2/DIN 41612

C

Physical

Circuits (Loaded)

Circuits (maximum)

Circuits Detail

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Guide to Mating Part

Keying to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Number of Columns

Number of Pairs

Number of Rows

Orientation

PC Tail Length (in)

PC Tail Length (mm)

PCB Locator

PCB Retention

PCB Thickness Recommended (in)

PCB Thickness Recommended (mm)

Packaging Type

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Pitch - Term. Interface (in)

Pitch - Term. Interface (mm)

Plating min: Mating (µin)

Plating min: Mating (µm)

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

96

96

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

Gray

400

No

No

Yes

Brass

Gold

Tin

Polyester

32

Open Pin Field

3

Vertical

0.594 In

15.10 mm

No

Yes

0.063 In

1.60 mm

Carton

0.100 In

2.54 mm

0.100 In

2.54 mm

24

0.60

No

No

-55°C to +125°C

Through Hole

Electrical

Current - Maximum per Contact

1A

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

36718Series

Data Rate

Voltage - Maximum

622.0 Mbps

1000V (RMS)

Material Info

Old Part Number

MMB15W1R960-263

Reference - Drawing Numbers

Product Specification

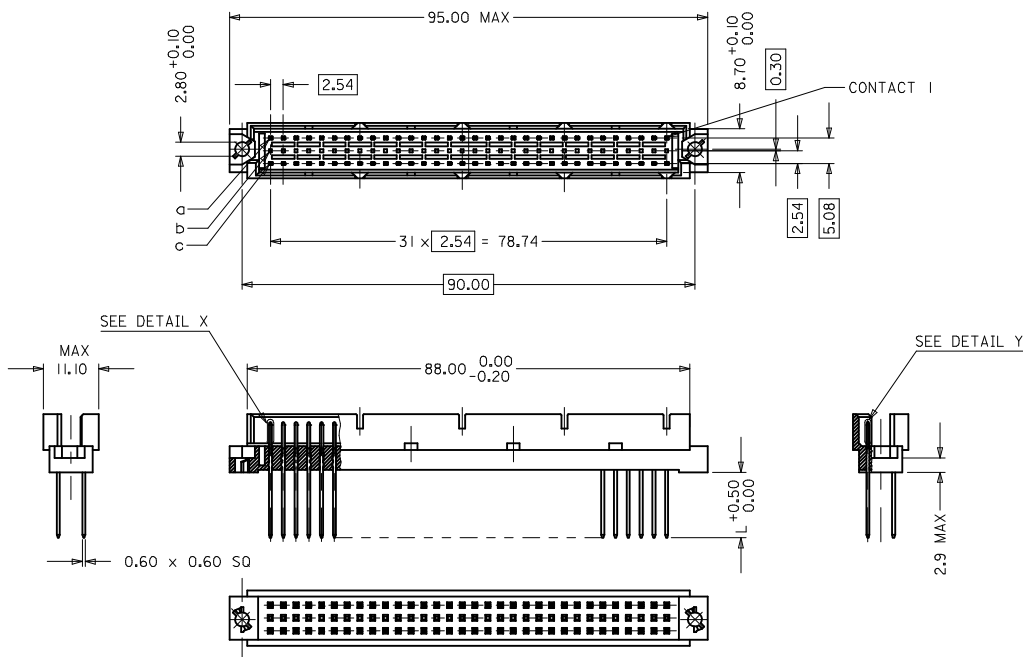
Sales Drawing

PS-36509-001

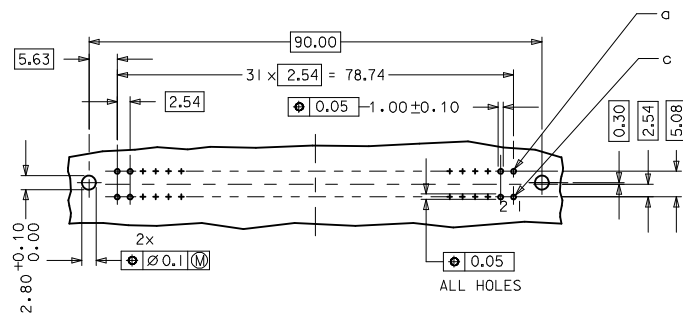
SD-36718-006

This document was generated on 05/13/2010

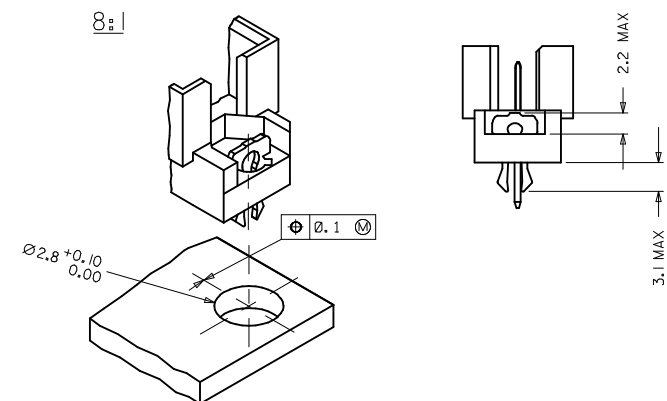
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RECOMMENDED PCB LAYOUT COMPONENT SIDE



WITH MOUNTING CLIPS



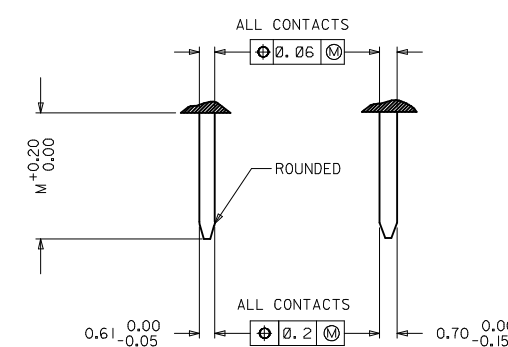
NOTES:

- 1) MATERIALS: THERMOPLASTIC POLYESTER, GLASS FILLED,
UL94V-0, COLOUR: PEBBLE GREY RAL 7032
TERMINAL - BRASS
MOUNTING CLIP: STEEL
- 2) FINISH: TERMINAL:-
CONTACT AREA & TERMINATION AREA.
1. PERFORMANCE LEVEL 2: SELECTIVE GOLD (Au), THICKNESS = 0.6 MICROMETER
OVER NICKEL, THICKNESS = 1.25 MICROMETER
- 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

ENTER DESCRIPTION		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
EC NO: 12009-0529		DRAWN BY: 2009/06/30		mm		MM ONLY		METRIC		M	
DRAWN BY: 2009/06/30		CHECKED BY: 2009/07/08		4 PLACES ± 0.05		DRAWN BY: HARSHAMR		DATE: 2009/06/15		TITLE: ASSY.DIN41612.96 POS A+B+C LOADED SOLDER, CDOT PART	
CHKD: 2009/07/08		APPR: KPRASAD		3 PLACES ± 0.05		CHECKED BY: KPRASAD		DATE: 2009/06/15		MOLEX INCORPORATED	
APPR: KPRASAD		REV: 1		2 PLACES ± 0.1		APPROVED BY: KPRASAD		DATE: 2009/06/15		DOCUMENT NO: SD-36718-006	
REV: 1		DESCRIPTION		1 PLACE ± 0.15		MATERIAL NO: SEE SHEET 2		SIZE: 1		SHEET NO: 1 OF 2	
DESCRIPTION		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		ANGULAR ± 2 °		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

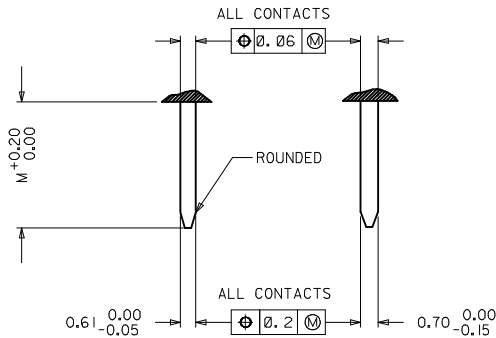
	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1		
M	MATERIAL No.	MOLEX ENG No.	C-DOT PART NO.	PERF LEVEL	PLATING	CONTACT SEQUENCE/ROW	DIM "L" MM	MOUNTING CLIP	FMLB													M
	36718-0006	MM-B15W1-R960-104	MCC-EURVM006-302	2	Au + Ni	1,2,3...3 a+b+c	15.1	NO	NO													
L																						L
K																						K
J																						J
I																						I
H																						H
G																						G
F																						F
E																						E
D																						D
C																						C
B																						B
A																						A

DETAILY		DETAILX	
			
PRE MATING CONTACTS		5.4	
NORMAL CONTACTS		4.8	
		M	

ENTER DESCRIPTION EC NO: 12009-0529 DRWN:MMR01 CHKD: APPR:KPRASAD	QUALITY SYMBOLS ▼=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	ASSY.DIN41612.96 POS A+B+C LOADED SOLDER, CDOT PART MOLEX INCORPORATED SD-36718-006 SHEET NO. 2 OF 2
		4 PLACES ± ---		mm INCH		DRAWN BY HARSHAMR	DATE 2009/06/15	TITLE	
		3 PLACES ± 0.05				CHECKED BY KPRASAD	DATE 2009/06/15		
		2 PLACES ± 0.1				APPROVED BY KPRASAD	DATE 2009/06/15		
		1 PLACE ± 0.15							
		ANGULAR ± 2 °							
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		MATERIAL NO. SD-36718-006		DOCUMENT NO.	

1b_frame_A1_P_ME_T Rev. E 2006/04/15	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
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DETAILY DETAILX



PRE MATING CONTACTS	5.4
NORMAL CONTACTS	4.8
	M