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Part Number: 0367180004
Status: Active
Overview: din_41612
Description: 2.54mm (.100") Pitch DIN 41612 Header, Style R, Male, Right Angle, Through Hole, 0.6µm (24µ") Selective Gold (Au), PC Tail Length 15.10mm (.591"), 64 Circuits

Documents:
Drawing (PDF)
RoHS Certificate of Compliance (PDF)
Product Specification PS-36511-001 (PDF)

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

General

Product Family	Backplane Connectors
Series	36718
Application	Daughtercard
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	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	Vertical
PC Tail Length (in)	0.594 In
PC Tail Length (mm)	15.10 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

Electrical

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

Material Info

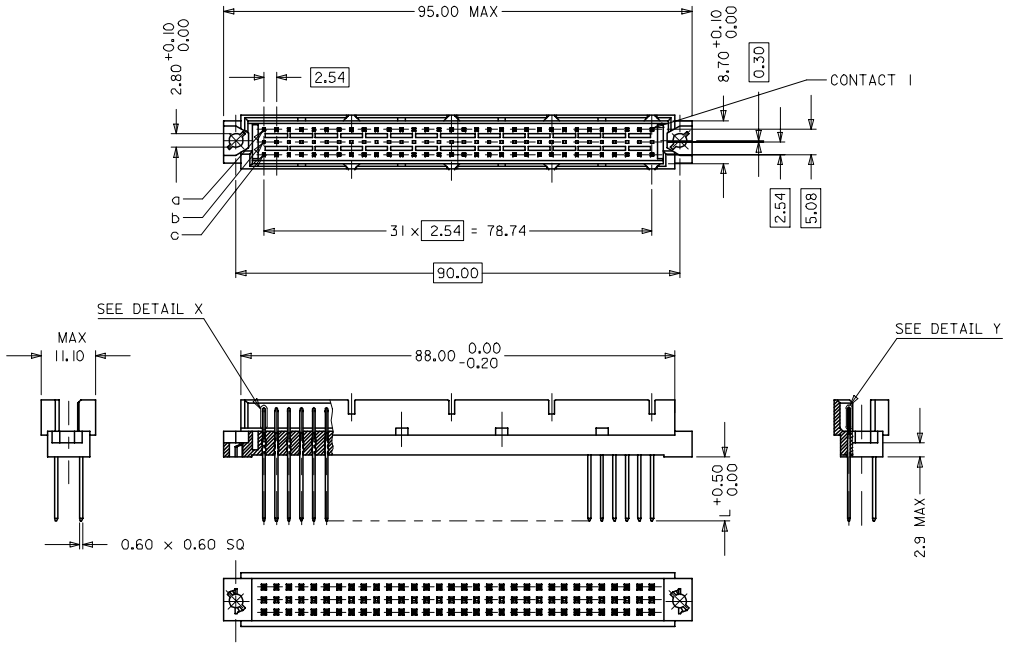
Old Part Number	MMB15W1R963-104

Reference - Drawing Numbers

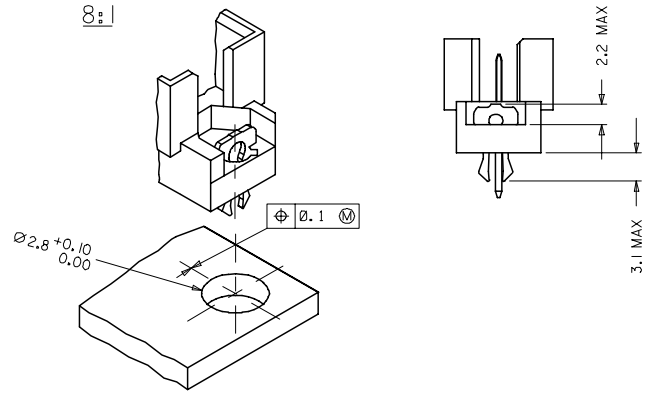
Packaging Specification	PK-36511-001
Product Specification	PS-36511-001
Sales Drawing	SD-36718-004

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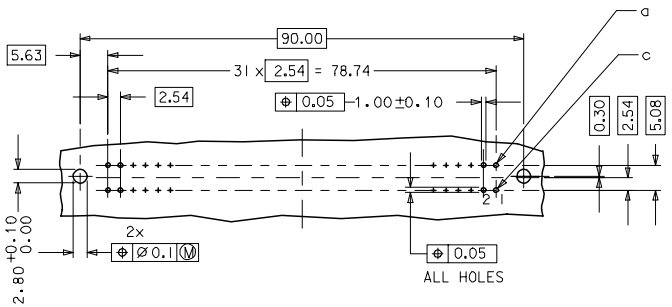
WITH MOUNTING CLIPS



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

RECOMMENDED PCB LAYOUT
COMPONENT SIDE

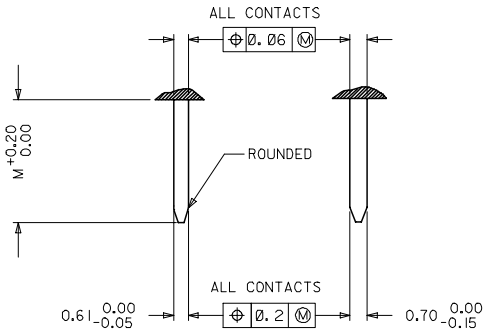


RoHS COMPLIANT

ENTER DESCRIPTION	EC NO: I2008-0072	2007/08/22	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE: MM ONLY	SCALE: 2:1	DESIGN UNITS: METRIC	THIRD ANGLE PROJECTION
DRWN:S.J		2007/08/22	▼=0	mm / INCH	DRAWN BY: SJ DATE: 2007/08/6	TITLE: ASSY,DIN41612 R MALE A+C LOADED 64 POS CDOT PART		
CHKD:			▽=0	4 PLACES ± --- / ± ---	CHECKED BY: KPRASAD DATE: 2007/08/6			
APPR:KPRASAD				3 PLACES ± 0.005 / ± ---	APPROVED BY: KPRASAD DATE: 2007/08/6	molex MOLEX INCORPORATED		
DESCRIPTION				2 PLACES ± 0.05 / ± ---	MATERIAL NO.: SEE SHEET 2	DOCUMENT NO.: SD-36718-004		SHEET NO.: 1 OF 2
REV: A				1 PLACE ± 0.1 / ± ---	SIZE: A1	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
				ANGULAR ± 2 °				
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				

MATERIAL No.	MOLEX ENG No.	C-DOT PART NO.	PERF LEVEL	PLATING	CONTACT SEQUENCE/ROW	DIM "L" MM	MOUNTING CLIP	FMLB
36718-0004	MM-B15W1-R963-104	MCC-EURVM005-302	2	Au + Ni	1.2.3...32 a+c	15.1	NO	NO

DETAILY DETAILX



PRE MATING CONTACTS	5.4
NORMAL CONTACTS	4.8
	M

RoHS COMPLIANT

ENTER DESCRIPTION
EC NO: I2008-0072 2007/08/21
DRAWN:SJ 2007/08/21
CHK:DAKPRASAD 2007/08/22
APPR:KPRASAD
DESCRIPTION
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

DIMENSION STYLE: MM ONLY
SCALE: 2:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

		DATE
DRAWN BY	SJ	2007/08/6
CHECKED BY	KPRASAD	2007/08/6
APPROVED BY	KPRASAD	2007/08/6
MATERIAL NO.	ENTER PART	

TITLE: ASSY,DIN41612 R MALE A+C LOADED 64 POS CDOT PART

MOLEX INCORPORATED

DOCUMENT NO.: SD-36718-004
SHEET NO.: 2 OF 00
SIZE: A1

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