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Part Number:

0480251091

Status:

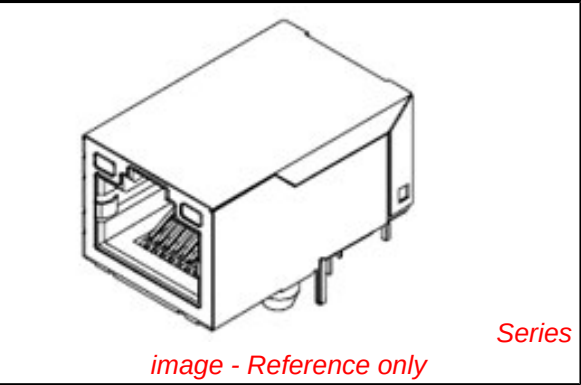
Active

Overview:

magnetic_modular_jacks

Description:

Modular Jack, Right Angle, 10/100, with Integrated Magnetic and LED, 8/8, without EMI Fingers, Lead free



Documents:	
3D Model	Product Specification PS-48025-005 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification	
CSA	LR19980
UL	E107635
General	
Product Family	Modular Jacks/Plugs
Series	48025
Comments	With LED Without EMI Finger
Component Type	PCB Jack
Magnetic	Yes
Overview	magnetic_modular_jacks
Performance Category	5
Power over Ethernet (PoE)	Non-PoE
Product Name	Magnetic Jack
Physical	
Boot Color	N/A
Color - Resin	Black
Durability (mating cycles max)	750
Flammability	94V-0
Inverted / Top Latch	Yes
Keying to Mating Part	Yes
Lightpipes/LEDs	LEDs
Material - Metal	Brass, Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Nylon
Orientation	Right Angle (Side Entry)
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness Recommended (in)	0.063 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Tray
Pitch - Mating Interface (in)	0.050 In
Pitch - Mating Interface (mm)	1.27 mm
Pitch - Term. Interface (in)	0.050 In
Pitch - Term. Interface (mm)	1.27 mm
Ports	1
Positions / Loaded Contacts	8/8
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +70°C
Termination Interface: Style	Through Hole
Waterproof / Dustproof	No
Wire/Cable Type	N/A

Electrical

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

48025Series

Mates With

FCC 68 Plugs

Current - Maximum per Contact	1.5A
Grounding to PCB	Yes
Grounding to Panel	Panel Ground Tab
Shielded	Yes
Voltage - Maximum	150V AC (RMS)

Material Info

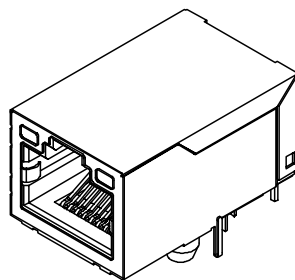
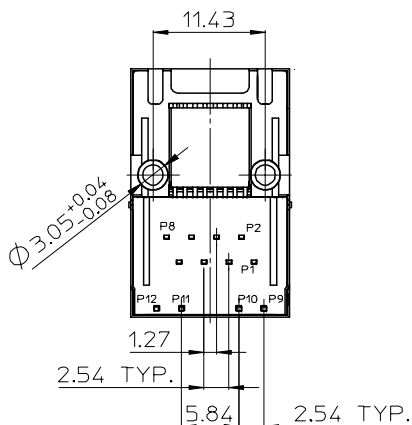
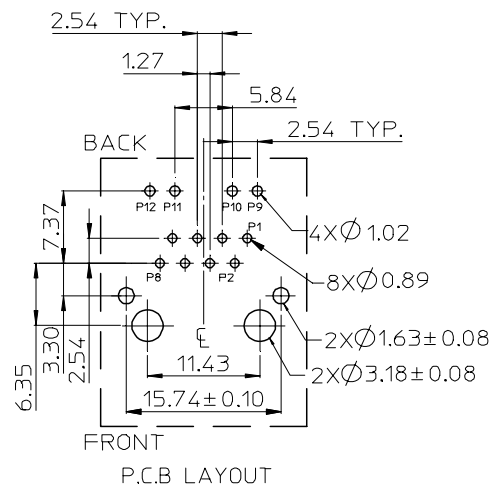
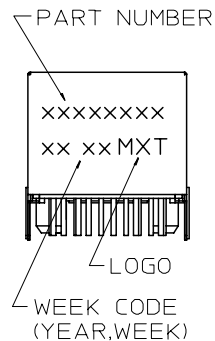
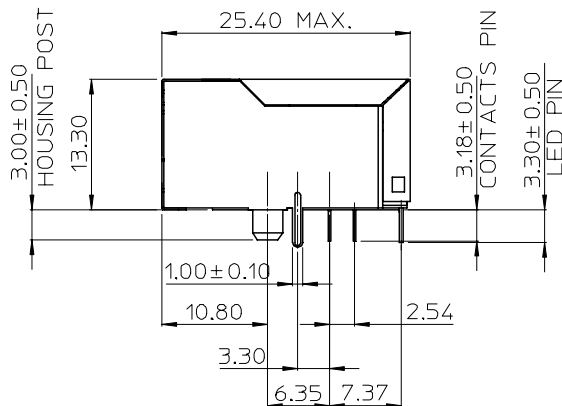
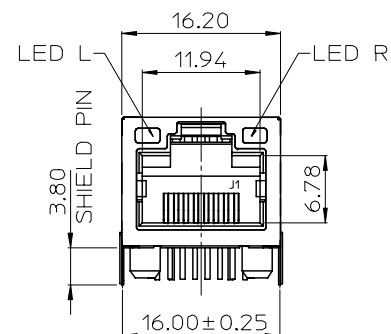
Reference - Drawing Numbers

Packaging Specification	PK-48025-001
Product Specification	PS-48025-005
Sales Drawing	SD-48025-012
Test Summary	TS-48025-012

This document was generated on 05/26/2010

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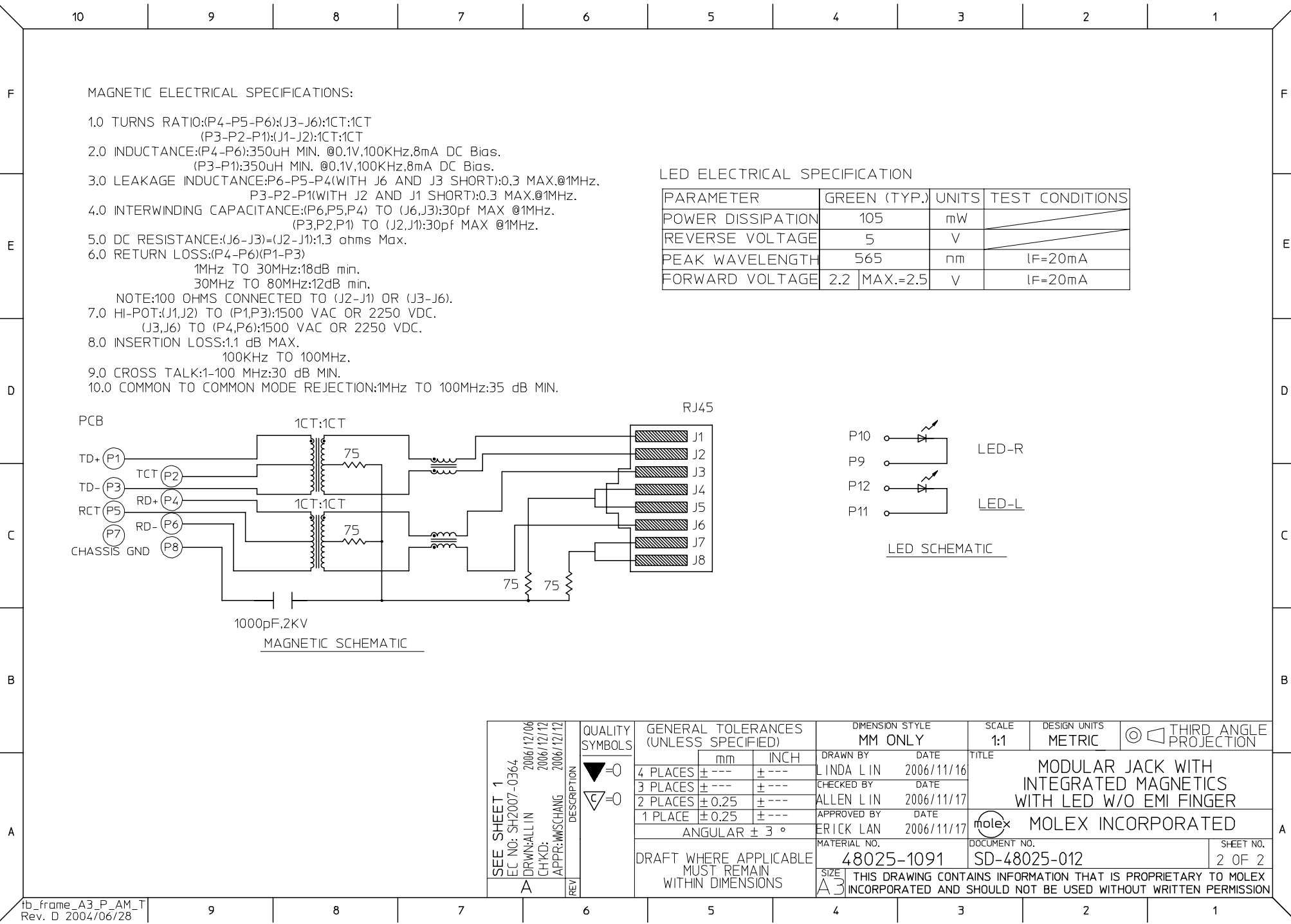


NOTES:

- 1.MATERIAL:
METAL SHELL: BRASS
HOUSING: POLYAMIDE, GLASS FIBER FILLED, UL94-0.COLOR BLACK
INSERT: POLYAMIDE, GLASS FIBER FILLED, UL94-0.COLOR BLACK
TERMINAL: PHOSPHOR BRONZE
- 2.PLATING:
TERMINAL:
CONTACT AREA: GOLD(Au),THICKNESS=50 MICROINCH/1.27 MICROMETER
SOLDER TAIL: TIN(Sn),THICKNESS=100 MICROINCH MINIMUM
UNDER PLATE: NICKEL (Ni).
METAL SHELL:
SOLDER TAIL: TIN(Sn),THICKNESS=100 MICROINCH MINIMUM
UNDER PLATE: NICKEL (Ni).(SOLDERING AVAILABLE)
SURFACE APPEARANCE: BRIGHT.
- 3.RECOMMENDED PCB THICKNESS: 1.60±0.05
- 4.PRODUCT SPECIFICATION REFER TO PS-48025-005
- 5.TEST SUMMARY REFER TO TS-48025-012
- 6.PACKAGING SPECIFICATION REFER TO PK-48025-001
- 7.LEAD FREE AND RoHS COMPLIANT PRODUCT.

NEW RELEASE EC NO: SH2007-0364 DRW:ALLIN CHKD: APPR:WWSCHANG REV A	DESCRIPTION 2006/12/06 2006/12/10 2006/12/12 2006/12/12	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
				mm	INCH	DRAWN BY LINDA LIN	DATE 2006/11/16	TITLE MODULAR JACK WITH INTEGRATED MAGNETICS WITH LED W/O EMI FINGER			
			4 PLACES	± ---	± ---	CHECKED BY	DATE				
			3 PLACES	± ---	± ---	ALLEN LIN	2006/11/17				
			2 PLACES	± 0.25	± ---	APPROVED BY	DATE	MOLEX MOLEX INCORPORATED			
			1 PLACE	± 0.25	± ---	ERICK LAN	2006/11/17				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			ANGULAR ± 3 °		MATERIAL NO. 48025-1091		DOCUMENT NO. SD-48025-012		SHEET NO. 1 OF 2		
			SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

9 8 7 6 5 4 3 2 1



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