Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

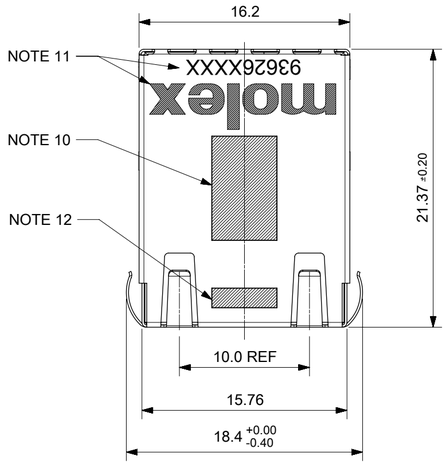
With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

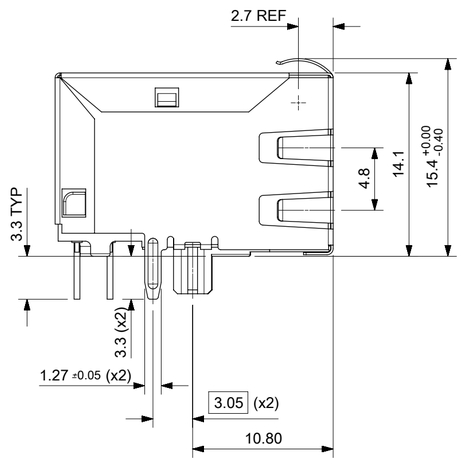
Contact us

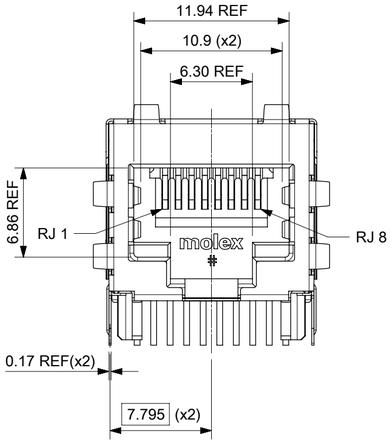
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832
Email & Skype: info@chipsmall.com Web: www.chipsmall.com
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

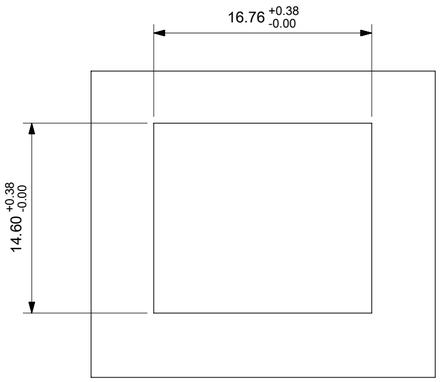
STANDARD PROFILE MAGNETIC JACK
GIGABIT ETHERNET W/O LEDS
AND W/ SHIELD TABS TOP AND SIDE



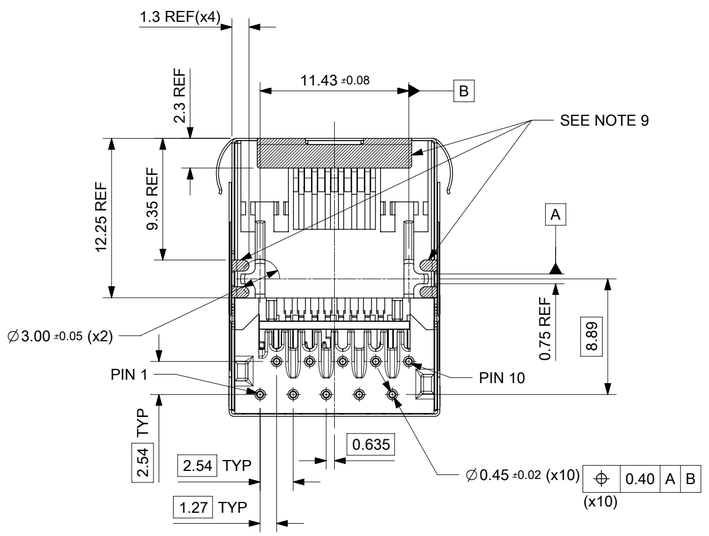
NOTES:
1 - SHIELD MATERIAL: 0.17mm THICK BRASS PRE-PLATED WITH NICKEL
SOLDER TABS POST DIPPED WITH MIN. 1.27µm TIN
2 - HOUSING MATERIAL: LCP, BLACK, UL 94V-0
3 - TERMINAL MATERIAL: PHOSPHOR BRONZE
RJ45 CONTACTS PLATING: BASE NICKEL PLATED WITH GOLD FLASH OVER PALLADIUM NICKEL. REFER TO 934620001 PSP
PHY SOLDER TAILS: COPPER ALLOY
4 - MATING INTERFACE ACCORDING TO IEC 60603-7 &TIA-1096-A
5 - PRODUCT SPECIFICATION: 934620001 PSP
6 - PACKAGING SPECIFICATION: 934620001 PSK
7 - STAND OFF TO SYSTEM BOARD 0.30mm MINIMUM
8 - RECOMMENDED PCB THICKNESS: 1.57mm
9 - SHIELD: AVOID ROUTING TRACES
OR PLACING ANY VIAS BELOW THESE AREAS
10 - AREA FOR PICK AND PLACE: 5.0mm X 8.0mm
11 - INSCRIPTION MARKED BY LASER:
1st : MOLEX
2nd : P/N (SEE BOM)
12 - DATE CODE(DAY/WEEK/YEAR)
13 - MATERIAL COMPLIANT TO RoHS DIRECTIVE 2002/95/EC

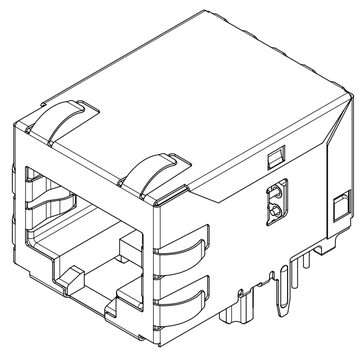


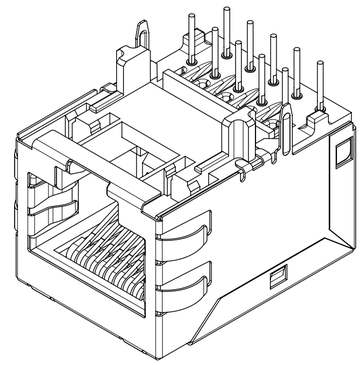




SUGGESTED PANEL CUT-OUT







REVISED
EC NO: 114553 2017/03/15
DRWN: DSHEA 2017/04/14
CHK'D: DBYRNES 2017/04/25
APPR: STGRIFFIN

GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL ± 2.0 °	
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.1
1 PLACE	± 0.2
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION UNITS	MM
SCALE	3:1
DRWN BY	KREILLY
DATE	2015/10/14
CHK'D BY	DBYRNES
DATE	2016/09/19
APPR BY	STGRIFFIN
DATE	2016/10/07
DRAWING SIZE	A2
THIRD ANGLE PROJECTION	

REV: B

molex®

STD MXMAG 8 CORE GIG
W/ SHIELD TABS

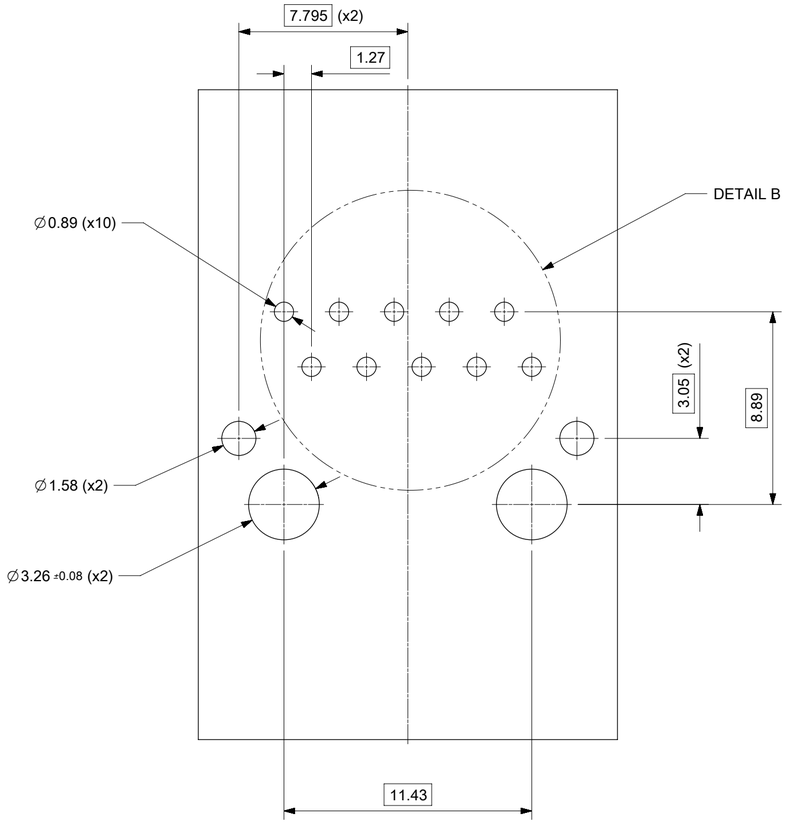
PRODUCT CUSTOMER DRAWING

SERIES	MATERIAL NUMBER	CUSTOMER
93626	SEE CHART	GENERAL MARKET

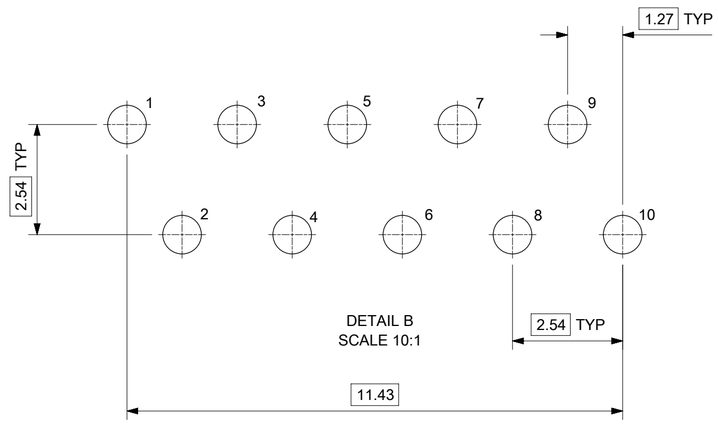
DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER
936260002	PSD	000	1 OF 3

RELEASE STATUS	P1	RELEASE DATE	25.04.2017	14:49:17

FORMAT: master-tb-prod-A2
REVISION: G
DATE: 2015/12/14



SUGGESTED BOARD LAYOUT
GIGABIT VERSION
COMPONENT SIDE
ALL DIMS REFERENCE DIMS



DETAIL B
SCALE 10:1

PIN CONFIGURATION
FOR GIGABIT VERSION

PART NUMBER	SCHEMATIC
93626-8520	A
93626-8020	B

REVISED
EC NO: 114553 2017/03/15
DRWN: DSHEA 2017/04/14
CHK'D: DBYRNES 2017/04/25
APPR: STGRIFFIN

GENERAL TOLERANCES (UNLESS SPECIFIED)
ANGULAR TOL ± 2.0 °
4 PLACES ±
3 PLACES ±
2 PLACES ± 0.1
1 PLACE ± 0.2
0 PLACES ±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

REV: B

DIMENSION UNITS: MM
SCALE: 5:1
DRWN BY: KREILLY DATE: 2015/10/14
CHK'D BY: DBYRNES DATE: 2016/09/19
APPR BY: STGRIFFIN DATE: 2016/10/07
DRAWING SIZE: A2
THIRD ANGLE PROJECTION

molex®

STD MXMAG 8 CORE GIG
W/ SHIELD TABS

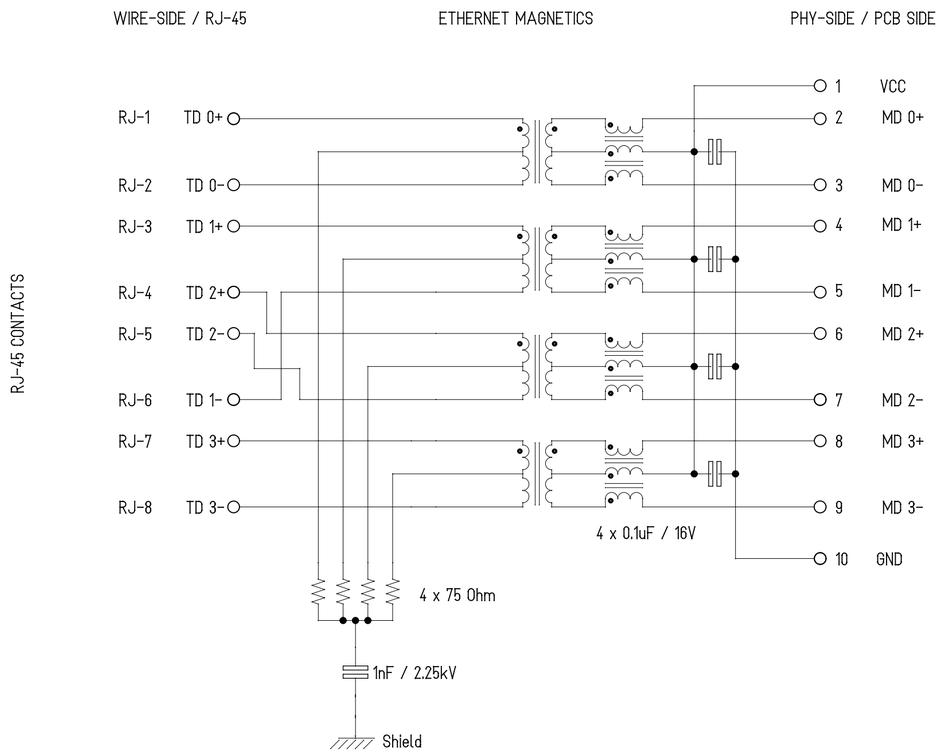
PRODUCT CUSTOMER DRAWING

SERIES	MATERIAL NUMBER	CUSTOMER
93626	SEE CHART	GENERAL MARKET

DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER
936260002	PSD	000	2 OF 3

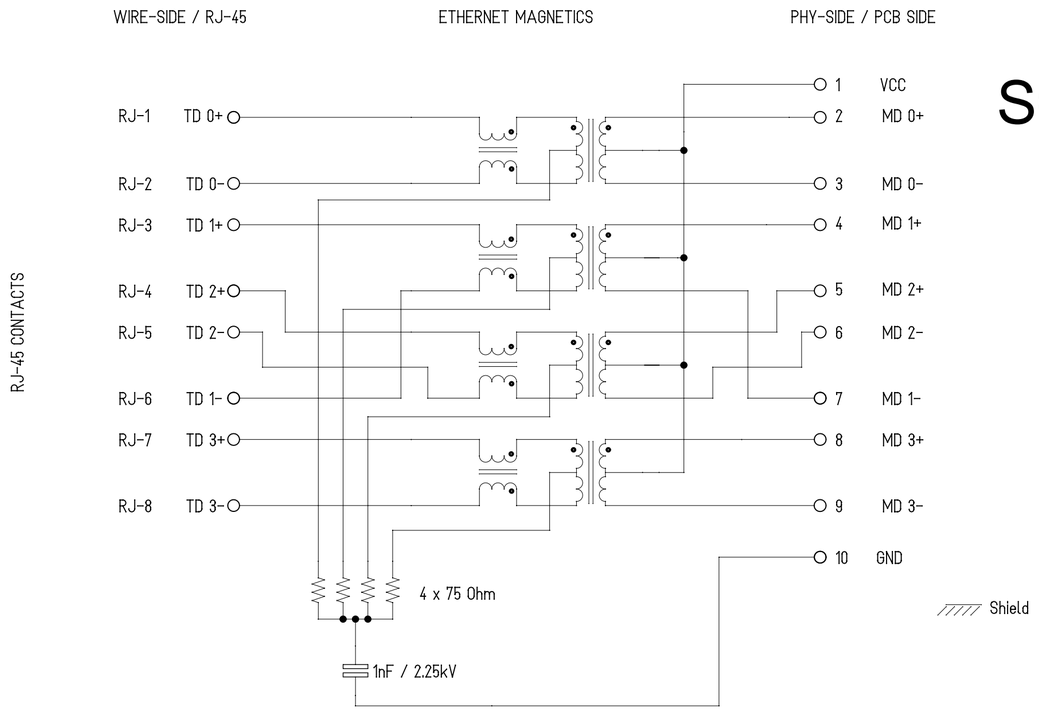
RELEASE STATUS	P1	RELEASE DATE	25.04.2017 14:49:17

FORMAT: master-tb-prod-A2
REVISION: G
DATE: 2015/12/14



SCHEMATIC A

Description	Value	
OCL @100kHz, 0.1V, 8mA DC bias (-40°c to +85°C)	350µH min.	
Turns ratio	1CT:1CT	
Transmission characteristics @ 25°C, all four pairs		
Insertion Loss		
Frequency (MHz)	Limits (dB max.)	Typical Values (dB max.)
1.0-9.9 MHz	0.4+0.1*log(F)	0.5 @ 10MHz
10-49.9 MHz	0.5+0.3*log(F/10)	0.7 @ 50MHz
50-79.9 MHz	1+1.4*log(F/80)	1.0 @ 80MHz
80-100 MHz	1.3+3*log(F/100)	1.3 @ 100MHz
Return Loss		
Frequency (MHz)	Limits (dB min.)	Typical Values (dB min.)
1.0-39.9 MHz	18	18 @ 40MHz
40-100 MHz	12-20*log(F/80)	10 @ 100MHz
CMR		
Frequency (MHz)	Limits (dB min.)	Typical Values (dB min.)
1.0-100MHz	30	30 @ 100MHz
Next		
Frequency (MHz)	Limits (dB min.)	Typical Values (dB min.)
1.0-39.9MHz	35	35 @ 40MHz
40-100MHz	33-20*log(F/50)	27 @ 100MHz
Isolation PHY to wire side	2.25kVDC/60sec	



SCHEMATIC B

REVISED
EC NO: 114553 2017/03/15
DRWN: DSHEA 2017/04/14
CHK'D: DBYRNES 2017/04/25
APPR: STGRIFFIN

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL ± 2.0 °	
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.1
1 PLACE	± 0.2
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

REV: B

DIMENSION UNITS: MM
SCALE: 1:1
DRWN BY: KREILLY DATE: 2015/10/14
CHK'D BY: DBYRNES DATE: 2016/09/19
APPR BY: STGRIFFIN DATE: 2016/10/07
DRAWING SIZE: A2
THIRD ANGLE PROJECTION

molex®

STD MXMAG 8 CORE GIG
W/ SHIELD TABS

PRODUCT CUSTOMER DRAWING

SERIES	MATERIAL NUMBER	CUSTOMER
93626	SEE CHART	GENERAL MARKET

DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER
936260002	PSD	000	3 OF 3

RELEASE STATUS	P1	RELEASE DATE	25.04.2017 14:49:17

FORMAT: master-tb-prod-A2
REVISION: G
DATE: 2015/12/14