

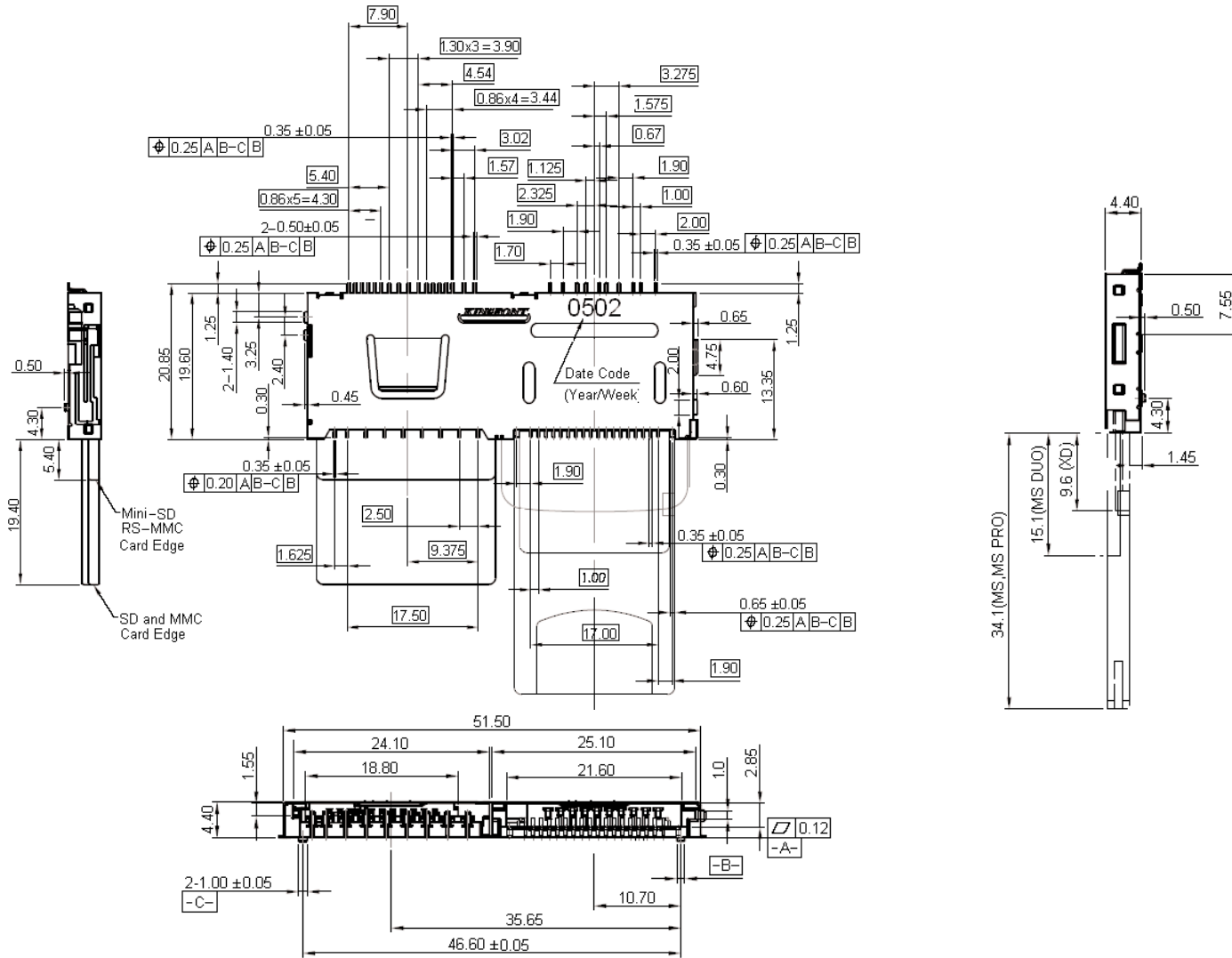


PART NO.

AIOX-15401BT00

REVISIONS

ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
-	A	RELEASED	Hema	25/12/07	Priya P.K	27/12/07	G. C	10/01/08



Dimensions : Millimetres

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DRAWN BY:	DATE:
Hema	25/12/07
CHECKED BY:	DATE:
Priya P.K	27/12/07
APPROVED BY:	DATE:
G.Cook	10/01/08

DRAWING TITLE:		Memory Card Connector - Micro SD	
SIZE	DWG NO.	ELECTRONIC FILE	REV
A	M10000681	AIOAX-154XXBXX0-C_DWG	A
SCALE: NTS		U.O.M.: mm	SHEET: 1 OF 2

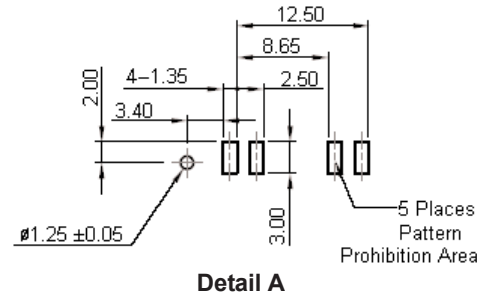
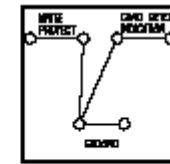
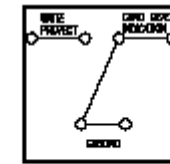
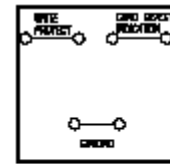
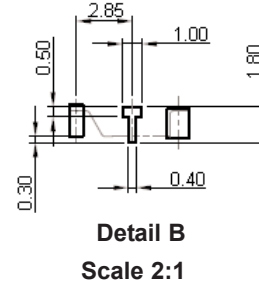
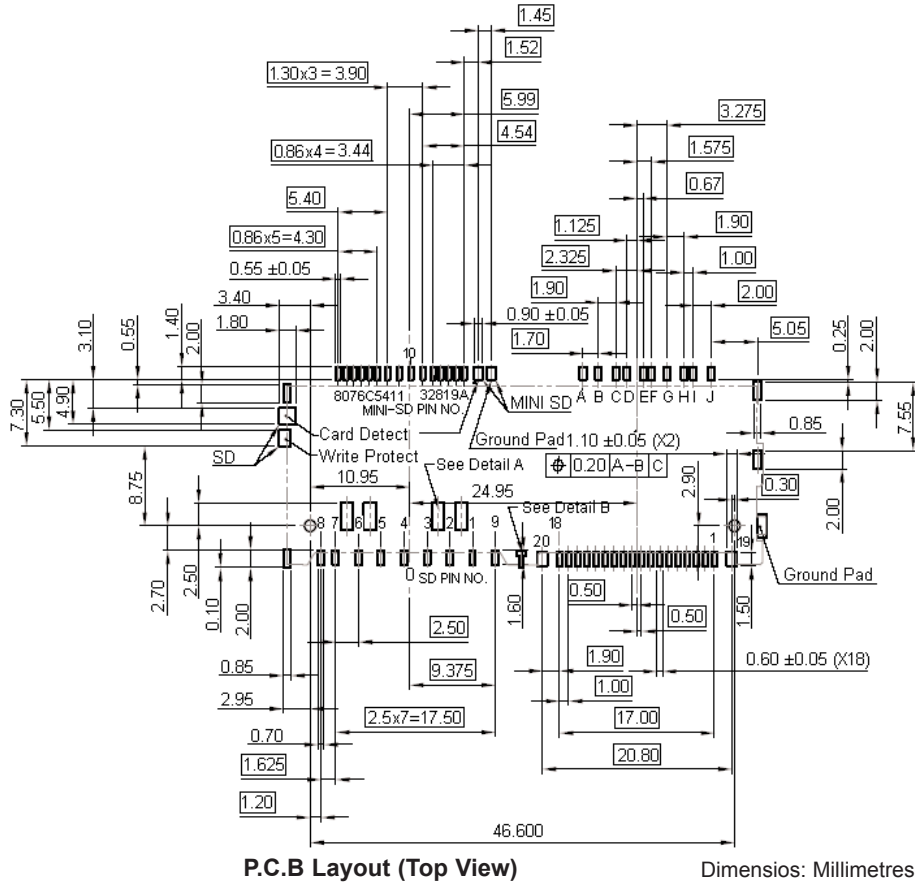


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Priya P.K	27/12/07
APPROVED BY:	DATE:
G.Cook	10/01/08

DRAWING TITLE:
Memory Card Connector - Micro SD

SIZE A	DWG NO. M10000681	ELECTRONIC FILE AIOAX-154XXBXX0-C_DWG	REV A
SCALE: NTS	U.O.M.: mm	SHEET: 2 OF 2	



PART NO.

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Configuration

SD, MMC and RS MMC		Mini SD		XD				MS and MS DUO		MMC 4.0	
Pin	Name	Pin	Name	Pin	Name	Pin	Name	Pin	Name	Pin	Name
1	CD/DAT3	1	CD/DAT3	1	GND	1	D1	1	VSS	A	DAT4
2	CMD/D1	2	CMD/D1	2	R/B#	2	D2	2	BS	B	DAT5
3	VSS1	3	VSS1	3	RE#	3	D3	3	VCC	C	DAT6
4	VDD	4	VDD	4	CE#	4	D4	4	SDIO	D	DAT7
5	CLK/SCLK	5	CLK/SCLK	5	CLE	5	D5	5	Reserved		
6	VSS2	6	VSS2	6	ALE	6	D6	6	INS		
7	DAT0	7	DAT0	7	WE#	7	D7	7	Reserved		
8	DAT1	8	DAT1	8	WP#	8	VCC	8	SCLK		
9	DAT2	9	DAT2	9	GND	9	CD#	9	VCC		
				10	D0	10	NC	10	VSS		

Specifications:

Materials:

Housing : Themoplastic.
 Contact : Phosphor bronze.
 Cover : Phosphor bronze, nickel plating.

Tin 100µ" at solder tail.

Electrical Characteristics:

Maximum Contact Resistance : 40mΩ.
 Maximum Dielectric Withstanding Voltage : 500V ac with 1 minute.
 Minimum Insulation Resistance : 1000MΩ.
 Maximum Current Rating : 1A ac/dc.
 Minimum Rated Voltage : 500V rms.

Mechanical Characteristics:

Maximum Insertion Force : 9.80N.
 Minimum Separation Force : 1.00N.
 Minimum Contact Retention Force : 0.98 per contact.
 Operating Temperature : -20°C to 60°C.

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Priya P.K	27/12/07
APPROVED BY:	DATE:
G.Cook	10/01/08

DRAWING TITLE:

Memory Card Connector - Micro SD

SIZE	DWG NO.	ELECTRONIC FILE	REV
A	M10000681	AIOAX-154XXBXX0-C_DWG	A
SCALE: NTS	U.O.M.: mm	SHEET: 3 OF 2	



PART NO.

AIOX-15401BT00

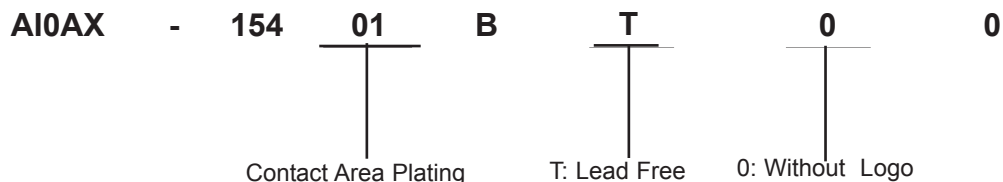
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Part Number Table

Description	Part Number
Connector, Memory Card 10 in 1 Combo	AIOAX-15401BT00

Part Number Explanation



Contact Area Plating : 01 = 1μ" Gold.

<http://www.farnell.com>

<http://www.newark.com>

<http://www.cpc.co.uk>

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G.Cook	10/01/08

DRAWING TITLE:			
Memory Card Connector - 10 in 1			
SIZE	DWG NO.	ELECTRONIC FILE	REV
A	M10000681	AIOAX-154XXBXX0-C_DWG	A
SCALE: NTS		U.O.M.: mm	SHEET: 4 OF 2