



88766-7720	M1-A TO VGA+USB CABLE ASSY' 5M	5000 ± 150	BLACK	887808483
88766-7710	M1-A TO VGA+USB CABLE ASSY' 3M	3000 ± 80	BLACK	887808399
88766-7700	M1-A TO VGA+USB CABLE ASSY' 2M	2000 ± 60	BLACK	887808399
MX P/N	DESCRIPTION	LENGTH	CABLE COLOR	CABLE P/N

NEW RELEASE EC NO: DG2006-0183 DRWN:PDAI CHKD: APPR:TKAN	2006/03/03 2006/03/03 2006/03/03	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION															
			$\nabla=0$ $\square=0$	<table border="1"> <tr> <td></td> <td>mm</td> <td>INCH</td> </tr> <tr> <td>4 PLACES</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>3 PLACES</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>2 PLACES</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>1 PLACE</td> <td>±---</td> <td>±---</td> </tr> </table>		mm	INCH	4 PLACES	±---	±---	3 PLACES	±---	±---	2 PLACES	±---	±---	1 PLACE	±---	±---	MM ONLY	---	METRIC	
				mm	INCH																		
			4 PLACES	±---	±---																		
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2 PLACES	±---	±---																					
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DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY PDAI	DATE 2006/03/01	TITLE M1-A-M TO VGA-M+USB-A-M FOR LCD/DLP PROJECTOR																				
			APPROVED BY XING	DATE 2006/03/01	MOLEX INCORPORATED		MATERIAL NO. SEE TABLE	DOCUMENT NO. SD-88766-077	SHEET NO. 1 OF 2														

NOTE: 1. M1-A BOOT MOLDED WITH BLACK PVC RESIN 887800042.  
 2. VGA OUTERMOLD MOLDED WITH BLUE PVC RESIN 887800145.  
 VGA INNERMOLD MOLDED WITH BLUE PE RESIN 887800008.  
 3. USB MOLDED WITH BLACK PVC RESIN 887800019.  
 4. STOPPER MOLDED WITH BLACK PVC RESIN 887800019.  
 5.ELECTRICAL PERFORMANCE.  
 5.1 INSULATOR RESISTANCE:20M OHMS.  
 5.2 DIELECTRONIC STRENGTH: 300V DC FOR 10 MILLISECONDS.

7. THIS PRODUCT MUST MEET MX RoHS COMPLIANCE.

PIN ASSIGNMENT:

USB A	PIN 4	USB RETRUN(SHARED W DDC)	PIN 25
	PIN 3	SUB D+	PIN 16
	PIN 2	USB D-	PIN 17
	PIN 1	USB +5V	PIN 24
	SHIELD	GROUND	SHIELD
VGA	PIN 6,7,8	VIDEO RETURN	C5
	PIN 3	BLUE VIDEO IN	C4
	---	ANALOG CABLE DETECT	C3
	PIN 2	GREEN VIDEO IN	C2
	PIN 1	RED VIDEO IN	C1
	PIN 4,10,11	HZ. AND VT. SYNC. RETURN	PIN 4
	---	HOT PLUG DETECT	PIN 8
	PIN 14	VERTICAL SYNC.	PIN 6
	PIN 13	HORIZONTAL SYNC.	PIN 5
	PIN 5	DDC RETURN & USB RETURN	PIN 25
PIN 12	DDC DATA(SDA)	PIN 26	
PIN 15	DDC CLOCK(SLC)	PIN 27	
PIN 9	DDC +5 VDC	PIN 28	
	CABLE FUNCTION	M1-A	

MATERIAL LIST:

N	COPPER FOIL 887801105		1
M	PRE-CUT COPPERFOIL 887801083		1
L	AWG26-28 TERMINAL 887809091		2
K	AWG20-24 TERMINAL 887809090		2
J	USB A HOUSING 887809086		1
I	USB A REAR SHELL 887809084		1
H	USB A FRONT SHELL 887809083		1
G	VGA THUMB SCREW 887806026		2
F	VGA METAL CAN 887899382 (FOR 00 & 10) VGA METAL CAN 887809056 (FOR 20)		1
E	VGA CONNECTOR 887899320		1
D	M1 THUMB SCREW 887806146		2
C	METAL CAN 887899399(88766-7700 & 88766-7710) METAL CAN 887899398( FOR 88766-7720)		1
B	P&D_A STD. PLUG ASSY 674850011		1
A	M1_A CABLE (SEE TABLE)		1
ITEM	DESCRIPTION	L	QTY.

NEW RELEASE EC NO: DG2006-0183 DRWN:PDAI CHKD: APPR:TKAN 2006/03/03 2006/03/03 2006/03/03	QUALITY SYMBOLS =0 =0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
			mm	INCH	DRAWN BY PDAI	DATE 2006/03/01	TITLE M1-A-M TO VGA-M+USB-A-M FOR LCD/DLP PROJECTOR		
		4 PLACES	±---	±---	CHECKED BY PDAI	DATE 2006/03/01	APPROVED BY XING		
		3 PLACES	±---	±---	APPROVED BY XING	DATE 2006/03/01	MATERIAL NO. SEE TABLE		
2 PLACES	±---	±---	ANGULAR ±---°		DOCUMENT NO. SD-88766-077	SHEET NO. 2 OF 2			
1 PLACE	±---	±---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				