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Part Number: 0687860007
Status: Active
Overview: type_d_micro_connectors
Description: HDMI Type D Plug-to-Type A Receptacle Adapter Cable, CAT 2, AWG 32, 0.2m (7.84"), Lead free

Documents:
Drawing (PDF)
RoHS Certificate of Compliance (PDF)

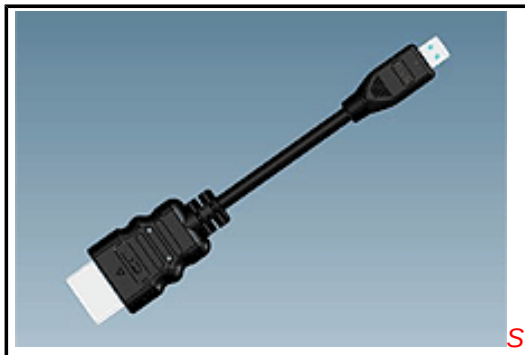


image - Reference only

General

Product Family	Cable Assemblies
Series	68786
Connector to Connector	HDMI* Type D-to-Type A
Overview	type_d_micro_connectors
Product Name	HDMI*, Micro HDMI*

Physical

Cable Length	0.20m (7.87")
Circuits (Loaded)	19
Gender	Male-Female
Lock to Mating Part	Yes
Material - Resin	Polyethylene, PVC
Pitch - Mating Interface (in)	0.016 In, 0.039 In
Pitch - Mating Interface (mm)	0.40 mm, 1.00 mm
Single Ended	No
Wire Size AWG	32
Wire/Cable Type	Round

Electrical

Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	30V

Material Info

Reference - Drawing Numbers

Sales Drawing	SD-68786-003

* High Definition Multimedia Interface and HDMI are trademarks of HDMI Licensing, LLC.

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

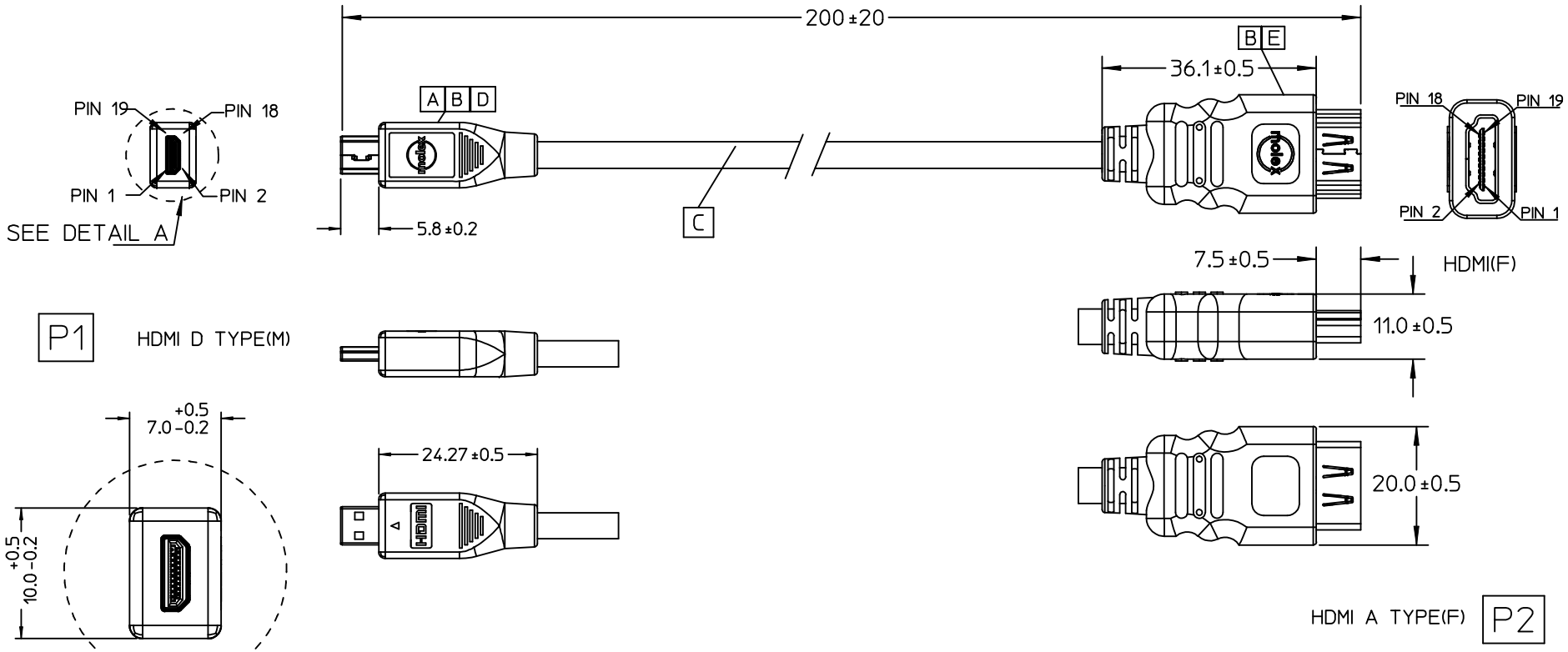
Please visit the Contact Us section for any non-product compliance questions.

Search Parts in this Series
68786Series

Mates With
46765 HDMI Type D Micro Connectors and HDMI Type A Cable Assembly on the opposite end

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CHANGE MICROHDMI CONN	2009/09/15	DESCRIPTION	
EC NO: DG2010-0052	2009/09/15		
DRWN:FZHANG01	2009/09/15		
CH'KD:ARTHUR			
APPR:BLAU			
B		REV	

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± ---
1 PLACE	± ---	± ---
ANGULAR ±---°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE	MM ONLY
SCALE	NA
DESIGN UNITS	METRIC
	THIRD ANGLE PROJECTION
DRAWN BY	YSL
DATE	2008/07/30
CHECKED BY	LIU JING
DATE	2008/07/30
APPROVED BY	ZX DENG
DATE	2008/07/30
TITLE	MICRO HDMI TO HDMI A RECP ADAPTER
	MOLEX INCORPORATED
MATERIAL NO.	687860007
DOCUMENT NO.	SD-68786-003
SHEET NO.	1 OF 2
SIZE	A4

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

P1	FUNCTION	P2	WIRE COLOR
Pin 1	HOT PLUG DETECT	Pin 19	BLACK
Pin 2	UTILITY	Pin14	BROWN
Pin 3	TMDS DATA2+	Pin 1	WHITE
Pin 4	TMDS DATA2 GND	Pin 2	DRAIN WIRE
Pin 5	TMDS DATA2-	Pin 3	RED
Pin 6	TMDS DATA1+	Pin 4	WHITE
Pin 7	TMDS DATA1 GND	Pin 5	DRAIN WIRE
Pin 8	TMDS DATA1-	Pin 6	GREEN
Pin 9	TMDS DATA0+	Pin 7	WHITE
Pin 10	TMDS DATA0 GND	Pin 8	DRAIN WIRE
Pin 11	TMDS DATA0-	Pin 9	BLUE
Pin 12	TMDS COLOK+	Pin 10	WHITE
Pin 13	TMDS COLOK GND	Pin 11	DRAIN WIRE
Pin 14	TMDS COLOK-	Pin 12	YELLOW
Pin 15	CEC	Pin 13	RED
Pin 16	DDC/CEC GND	Pin 17	YELLOW
Pin 17	SCL	Pin 15	GREEN
Pin 18	SDA	Pin 16	BLUE
Pin 19	+5V POWER	Pin 18	WHITE
SHELL		SHELL	BRAID

NOTE:
1. BOTH SIDE INNERMOLD WITH PE RESIN.
   BOTH SIDE OVERMOLD WITH PVC RESIN.
2. THIS CABLE CAN MEET HDMI SPECIFICATION.
3. THIS PRODUCT CAN MEET MOLEX ES-40000-5016
   ENVIRONMENTAL REQUIREMENTS.

ITEM	DESCRIPTION	QTY.
E	HDMI RECEPTACAL	1
D	LOCTITE 416 GLUE	AS
C	RAW CABLE 32AWG	AS
B	COPPER FOIL	2
A	MICRO HDMI CONNECTOR	1

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DESIGN UNITS: METRIC
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DRAWN BY: YSL DATE: 2008/07/30
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TITLE: MICRO HDMI TO HDMI A RECP ADAPTER

MOLEX INCORPORATED

MATERIAL NO.: 687860007
DOCUMENT NO.: SD-68786-003
SHEET NO.: 2 OF 2

SIZE A4

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