



- NOTES:
- MATERIAL AND PLATING:  
Housing: LCP+30%G.F(E130i),UL94V-0,Black  
Contact: C2680, GOLD PLATING ON CONTACT AREA  
80u" MIN. MATTE TIN PLATING ON SOLDERTAILS  
50u" MIN. NICKEL UNDERPLATING OVER ALL  
Shell: STEEL, 60u" MIN.NICKEL PLATED OVER ALL.
  - MECHANICAL CHARACTERISTIC  
Mating Force: 8N~22N(0.81Kgf~2.2Kgf).  
Unmating Force: 8N~22N(0.81Kgf~2.2Kgf).  
Durability: 10,000 Cycles.
  - ELECTRICAL CHARACTERISTIC  
Current Rating: 0.5A Max.  
Voltage Rating: 40V AC Max.  
Contact Resistance: 30m Ohm Max.  
Insulation Resistance: 100M Ohm Min(unmated)  
10M Ohm Min(mated)  
Dielectric Withstanding Voltage: 500V AC Min
  - TEMPERATURE  
Operating Temperature: -40°C~+85°C  
Storage Temperature: -60°C~+105°C
  - Dimension marked ▲ should 100% CCD inspecte  
Dimension marked ★ should CPK>1.33  
Dimension marked ☆ should SIP inspecte by QC and IQC
  - ORDER INFORMATION:

HA-F B277 D R -E1 xx  
1 2 3 4 5 6 7

- HA:HDMI A TYPE HD:HDMI D TYPE
- F:FEMALE M:MALE
- B277=中心高-2.77mm
- D:DIP
- R:90°
- TYPE码:E1:正常规格
- Contact Area plating on contacts  
01: G/F

HDMI TYPE A PIN ASSIGNMENT

PIN	Signal Assignment	PIN	Signal Assignment
1	TMDS Data2+	11	TMDS Clock Shield
2	TMDS Data2 Shield	12	TMDS Clock-
3	TMDS Data2-	13	CEC
4	TMDS Data1+	14	Utility
5	TMDS Data1 Shield	15	SCL
6	TMDS Data1-	16	SDA
7	TMDS Data0+	17	DDC/CEC Ground
8	TMDS Data0 Shield	18	+5V Power
9	TMDS Data0-	19	Hot Plug Detect
10	TMDS Clock+		

REV.	REVISION RECORD	DATE
A0	新图面发行	22.03.15
A1	换图框发行	24.04.18

GENERAL TOLERANCES	
LINEAR	ANGLES
0.0±0.25	X° REF±6°
0.00±0.15	X° ±3°
0.000±0.10	X° X' ±2°

SCALE	NAME	DATE
1:1	Frey Yang	24.04.18
APPROVED	Daniel Dong	24.04.18
DESIGNER	Micky Ma	24.04.18

PART NO.	DWG NO.
HA-FB277DR-E1xx	ENDE05
TITLE	HDMI AF R/A DIP RVS TYPE CH=-2.77



REV	A1	SHEET	1/1
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