

REV.	DESCRIPTION	DATE
A	N18'04011	Apr.25, 2018

SOURCE SIDE

PIN NO.	PIN NAME
1	ML_Lane 0 (p)
2	GND
3	ML_Lane 0 (n)
4	ML_Lane 1 (p)
5	GND
6	ML_Lane 1 (n)
7	ML_Lane 2 (p)
8	GND
9	ML_Lane 2 (n)
10	ML_Lane 3 (p)
11	GND
12	ML_Lane 3 (n)
13	CONFIG1
14	CONFIG2
15	AUX CH (p)
16	GND
17	AUX CH (n)
18	Hot Plug Detect
19	Return
20	DP_PWR

SINK SIDE

PIN NO.	PIN NAME
1	ML_Lane 3 (n)
2	GND
3	ML_Lane 3 (p)
4	ML_Lane 2 (n)
5	GND
6	ML_Lane 2 (p)
7	ML_Lane 1 (n)
8	GND
9	ML_Lane 1 (p)
10	ML_Lane 0 (n)
11	GND
12	ML_Lane 0 (p)
13	CONFIG1
14	CONFIG2
15	AUX CH (p)
16	GND
17	AUX CH (n)
18	Hot Plug Detect
19	Return
20	DP_PWR

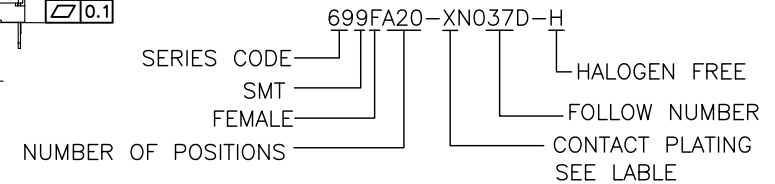
MATERIALS

- HOUSING : LCP (UL94V-0),BLACK.
- BRACKET : LCP (UL94V-0),BLACK.
- TERMINAL: COPPER ALLOY;  
GOLD PLATED ON CONTACT AREA, TIN PLATED ON SOLDER TAILS, NICKEL UNDER PLATED OVER ALL.
- SHELL:COPPER ALLOY, NICKEL PLATED OVERALL.
- EMI SHELL(BACK): STAINLESS STEEL;  
NICKEL PLATED OVERALL.
- EMI SHELL(FRONT): STAINLESS STEEL.
- BOARD LOCK: BRASS, TIN PLATED OVERALL.

SPECIFICATION

- CURRENT RATING : 0.5A. MAX.
- DIELECTRIC WITHSTANDING VOLTAGE :  
500V AC R.M.S. FOR ONE MINUTE.
- INSULATION RESISTANCE : 100MΩ MIN.  
AT 500V DC
- CONTACT RESISTANCE : 30mΩ MAX.
- OPERATING TEMPERATURE : -25°C TO +85°C.
- DURABILITY : 10000 CYCLES.
- MATING FORCE : 4.5kgf MAX.
- UNMATING FORCE : 1.0kgf MIN.

PART NUMBER INFORMATION



DESCRIPTION OF PLATING ON TERMINALS			
NO.	EXPLAIN	NO.	EXPLAIN
0	GOLD FLASH	3	GOLD 15u"
6	GOLD 30u"		

TOLERANCE .0=±0.25 .00=±0.15 .000=±0.05 ANG.=±3°	DRAWER <i>ENR</i> CHECK <i>YON</i> APP'D <i>JAN</i>	 <b>Astron</b> ASTRON TECHNOLOGY CORP. NAME DISPLAYPORT FEMALE HIGH RISE TYPE (H=23.72mm) (REVERSE FLANGE)
 UNITS : mm SCALE NONE SIZE A4 SHEET 1 OF 1 REV. A	PRODUCT SPEC. DRAW NO. R699FA20-XN037D-H	

