



NOTES:

- DIMENSIONS SHALL BE INTERPRETED PER ASME Y14.5-2009.
- THE SPECIFICATIONS MEET THE SFF-8643.
- MATERIALS:
 - HOUSING: HIGH TEMPERATURE THERMOPLASTIC(LCP), UL94V-0, COLOR: BLACK.
 - COVER: HIGH TEMPERATURE THERMOPLASTIC (LCP), UL94V-0, COLOR: BLACK
 - BRACKET:HIGH TEMPERATURE THERMOPLASTIC (LCP),UL94V-0,COLOR:REFER TO P/N SYSTEM
 - CONTACTS: COPPER ALLOY.
 - NICKLE UNDER PLATING OVER ALL, THICKNESS: 50u"~150u"
 - MATTE TIN PLATING OVER NICKEL ON SOLDER AREA. THICKNESS: 30u"~80u"
 - GOLD PLATING OVER NICKEL ON CONTACT AREA.
- Electrical Specification:
 - Contact Resistance: 20m Ohms Max.
 - Insulation Resistance: 1000M Ohms Min. At 100V DC For 60s.
 - Withstanding Voltage: 300V Min. DC For 60 Seconds.
 - Voltage Rating: 30V AC.
 - Current Rating: 0.5A Per Pin.
- Mechanical Specification:
 - Lacth Retention Force: 50N Min.
 - Mating Force: 40N Max.
 - Unmating Force: 1.5N Max.
 - Durability: 250 Cycles.
- Environmental Specification:
 - Operating Temperature: -40°C ~ +85°C.
 - Temperature Rise: 30°C Max.
- Mounting Hardware M2X1.35 Self-Threading Screw,Screw Length of Fastener= PCB Thickness +5.0mm Max(1.75 mm Min) Mounting Hardware Not Included. The Torque applied to the Screw Should Not Exceed 0.16 Nm; Otherwise, Damage May Occuur.

8.P/N Order

MINI SAS HD SERIES — 80751WX0XXXXXXX

PDUUCT PITCH 0751;0.75mm pitch #1 Type

H: HOUSE
W: ASSEMBLY PROUCT
1: 180°(R/A)
9: 90°(V/T)

0: HF&ROHS

036: 36Pos
072: 72Pos
144: 144Pos

SERIAL NUMBER X3
001:Nature With Logo
002:Black With Logo
003:Nature Without Logo
004:Black Without Logo

PACKING
1: Soft Tray
2: Tape&Reel

0: DimA=1.80mm,Black bracket
1: DimA=1.70mm,Black bracket
2: DimA=1.8mm,White bracket

15: 15U AU
30: 30U AU

REV.	REVISION RECORD	DATE	GENERAL TOLERANCES	SCALE 1:1	NAME	DATE	PART NO.	DWG NO.	 TERMINAL&CONNECTORS			
X0	The new version file were released	2021.4.21	LINEAR	APPROVED	Nelson Luo	2023.04.14	80751WX0XXXXXX00X	ENDE05	REV X3 SHEET 1/1			
X1	SEE X1	2021.10.08	0.0±0.25	DESIGNER	Cash Li	2023.04.14						
X2	SEE X2	2022.01.13	0.00±0.15	DRAWN	ZJH	2023.04.14						
X3	SEE X3	2023.04.14	0.000±0.08	MIMI SAS HD V/T SOCKET								