

SPECIFICATIONS

CURRENT RATING: 5A AC, DC

CONTACT RESISTANCE: 10 mΩ MAX.

INSULATION RESISTANCE: 1000 MΩ MIN.

DIELECTRIC VOLTAGE: 1500V AC FOR ONE MINUTE

OPERATION TEMPERATURE: -40°C TO +105°C

MATERIAL

CONTACT PIN: BRASS

INSULATOR: PBT + 30%G.F, UL94V-0

ORDER INFORMATION

5 W 2 5 2 5 R X - 1 X X X X X L M 0 1

2:W/O LATCH TYPE 1
3:W/O LATCH TYPE 2
4:WITH LATCH TYPE 1
5:WITH LATCH TYPE 2

NO. OF CONTACTS
PER ROW

TM:MATTE TIN

G:GRAY

A:TRAY W/O CAP

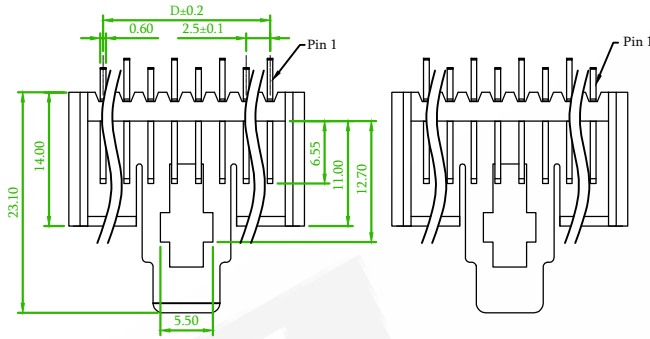
RoHS

AMTEK 懽德

2025.12.29

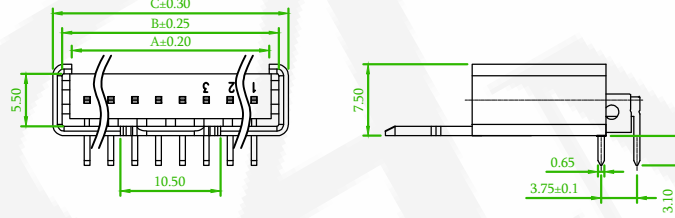
Released DCC

No. of Contacts	Dimension			
	A	B	C	D
02	5.70	7.70	9.70	2.50
03	8.20	10.20	12.20	5.00
04	10.70	12.70	14.70	7.50
05	13.20	15.20	17.20	10.00
06	15.70	17.70	19.70	12.50
07	18.20	20.20	22.20	15.00
08	20.70	22.70	24.70	17.50
09	23.20	25.20	27.20	20.00
10	25.70	27.70	29.70	22.50
11	28.20	30.20	32.20	25.00
12	30.70	32.70	34.70	27.50
13	33.20	35.20	37.20	30.00
14	35.70	37.70	39.70	32.50
15	38.20	40.20	42.20	35.00
16	40.70	42.70	44.70	37.50
17	43.20	45.20	47.20	40.00
18	45.70	47.70	49.70	42.50
19	48.20	50.20	52.20	45.00
20	50.70	52.70	54.70	47.50

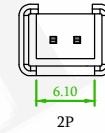


Type 1

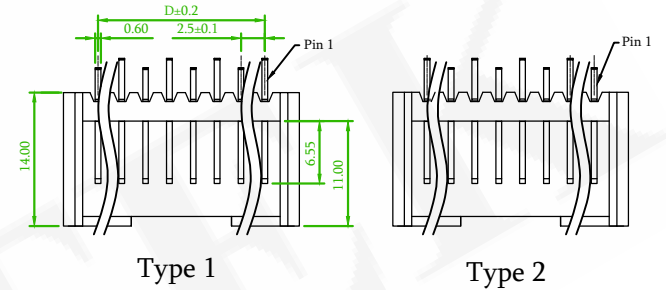
Type 2



With Latch: 04-20 Pin

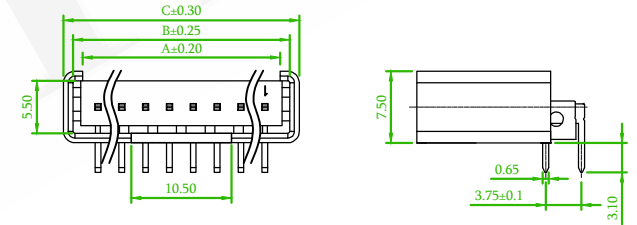


2P

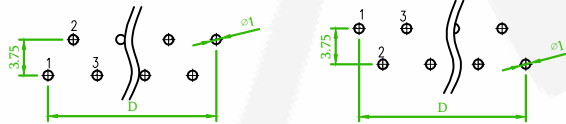


Type 1

Type 2



W/O Latch: 02-20 Pin



Type 1

Type 2

RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ±0.05)

 懽德精密有限公司 Amtek Technology Co., Ltd. TEL: 886-2-2260-6878 FAX: 886-2-2260-8030	品名 TITLE	WAFER 2.5mm DIP R/A TYPE				頁數 Page	1/1
	品號 PART NO.	5W2525RX-1XXXXXXLM01				繪圖 DRAWN	Eloise 2017/04/12
	圖號 DRAWING NO.	GW003-EL380	版本 REV.	C	核對 CHECKED	Josh 2018/07/06	
	客戶品號 CUSTOMER P/N		比例 SCALE	None	承認 APPROVED	Jason 2018/07/06	
	公差 TOLERANCE	.X ± 0.40 .XX ± 0.25	單位 UNIT	mm	THIRD ANGLE PROJECTION		

	ECN 202512051	Willy	2025/12/29
	ECN NO.: 180604, revise packages: B, A -> X.	Gary	2018/07/06
REV.	ECN NO. OR DESCRIPTION	REVISED	DATE