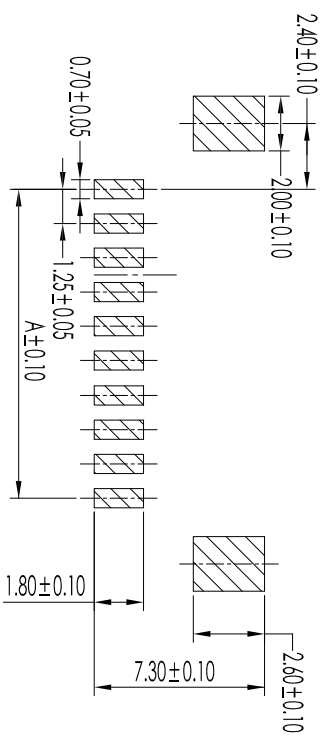
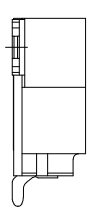
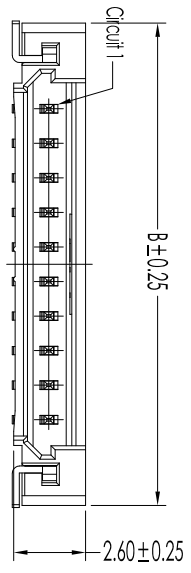


- NOTES:
1. Current Rating: 1.0A AC/DC
 2. Voltage Rating: 150V AC/DC
 3. Temperature Range: -25° C to 85° C
 4. Contact Resistance: 30mΩ Max.
 5. Insulation Resistance: 500MΩ min.
 6. Withstanding Voltage: 500V AC/minute
- A - 12503 C xx S - LP B T - W 2 - x
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫
- ① A=Board to Wire Connector
 - ② 125=Pitch 1.25mm
 - ③ 03=03(DF14) Style Series
 - ④ C=Connector/H=Housing/T=Terminal
 - ⑤ XX=No. of Contacts
 - ⑥ S=Single Row/D=Dual Row/A=Assembly
 - ⑦ PT=PBT/66= Nylon 66/46= Nylon 46/
6T= Nylon 6T/9T= Nylon 9T/LP=LCP/PS=PPS
 - ⑧ C=Copper Alloy/B=Brass/P=Phosphor Bronze/H=High conductivity copper
 - ⑨ Plating/0=None/1=In Bright/G=Gold Flash Plating/I=In Matte
1/2=3u" Gold/3=5u" Gold/4=10u" Gold/5=15u" Gold/6=20u" Gold/
7=30u" Gold/8=Nickel Plating/9=Silver Plating/H=Half of Gold Tin
 - ⑩ V=Vertical Dip Type/R=Right Angle Dip Type/L=Vertical SMT
Type/W=Right Angle SMT Type/S=Special P.C.B Module
 - ⑪ 0=Standard/1=Without Latch/2=With Latch/3=3 Type
(常规反弯)
 - ⑫ Packaging: 1=PE bag/2=tube/3=tape Reel/7=PVC Tray/
8=Tube+Cap



Recommended P.C.B Layout
 [PCB Board Tolerance±0.05]

Item	Parts Material	Specification	Qty	Note
①	Insulator	LCP 94V-0/Color: Natural/Beige	×	A12503-HS-301
②	Pin Material	Boss/Fin-plating	×	A12503-TE-302
③	Solder Tabs	Boss/Fin-plating	×	A12503-TB-303

Rev.	修正: Revisions	日期: Date
A.01	A1253WR-SV-XP	Tony 2009/07/15
B.01	变更料号	Tony 2020/07/21

公差: Tolerances	公差: Tolerances
XX.XX: ±0.25	公差: 公差
XXX.X: ±0.15	公差: 公差
XXXX.X: ±0.05	公差: 公差
X.XX: ±0.2°	公差: 公差

除非另有规定
 Unless otherwise specified

东莞市盛瑞科技有限公司
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机型 Model	客规 Customer P/N	盛瑞料号 Part No.	环境标准 Environmental standard	RoHS
-	-	A-12503CWS-LPB-GW2-X	符合标准	符合标准

核准 Approved/ian	日期 Date	核准 Checked	日期 Date	安规 Safety	製圖 Draw	日期 Date	頁碼 Page	比例 Scale	第三角投影 Third angle projection	圖名 Description
	07/21/20		07/21/20		Tong	07/21/20	1/1	1/1	符合标准	Pitch 1.25mm(DF14) Gimp Style Connector

CMS	DM/A	DM/B
02	1.25	7.45
03	2.50	8.70
04	3.75	9.95
05	5.00	11.20
06	6.25	12.45
07	7.50	13.70
08	8.75	14.95
09	10.00	16.20
10	11.25	17.45
11	12.50	18.70
12	13.75	19.95
13	15.00	21.20
14	16.25	22.45
15	17.50	23.70
20	23.75	29.95
21	25.00	31.20
25	30.00	36.20
30	36.25	42.45