

**Features:**

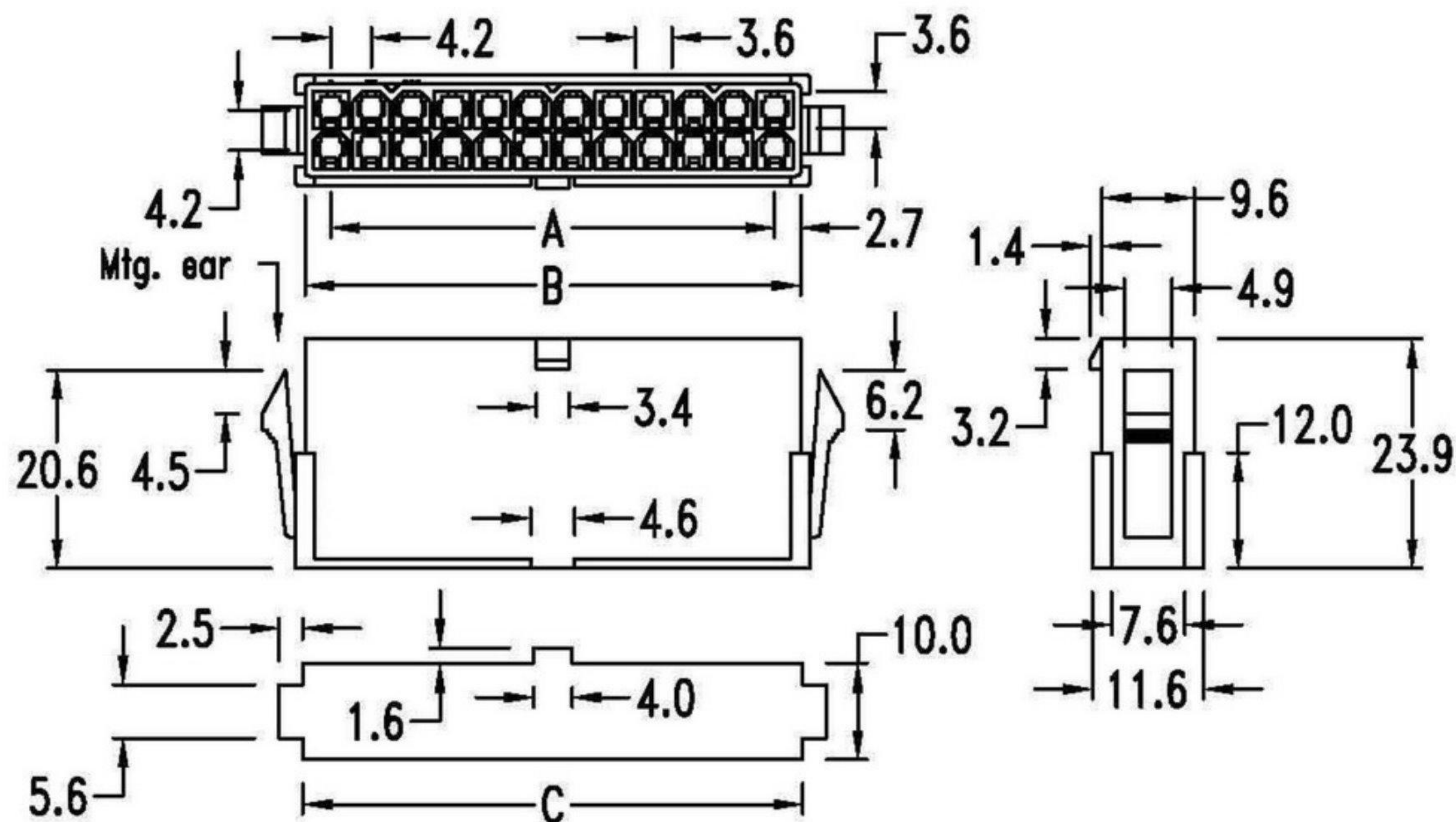
- 2 ~ 24 circuits available
- 600V volts rating ( R.M.S. )
- Current rating up to 9 amperes per circuits
- Positive housing locks
- Max. panel thickness: 2.54mm

**Specification:**

- Current rating and wire size:

Wire Size AWG	Circuits			
	2	4, 6	8, 10	12~24
# 18	9 A	8 A	7 A	6 A
# 20	7 A	6 A	5 A	5 A
# 22	5 A	4 A	4 A	4 A
# 24	4 A	3 A	3 A	3 A

- Voltage rating: 600V AC, DC
- Insulation resistance: DC 500V 1000MΩ min.
- Dielectric withstanding voltage: 1500V AC/minute
- Ambient temperature range: -40°C ~ 105°C  
(including temperature rise)



Dimensional Information ( mm )

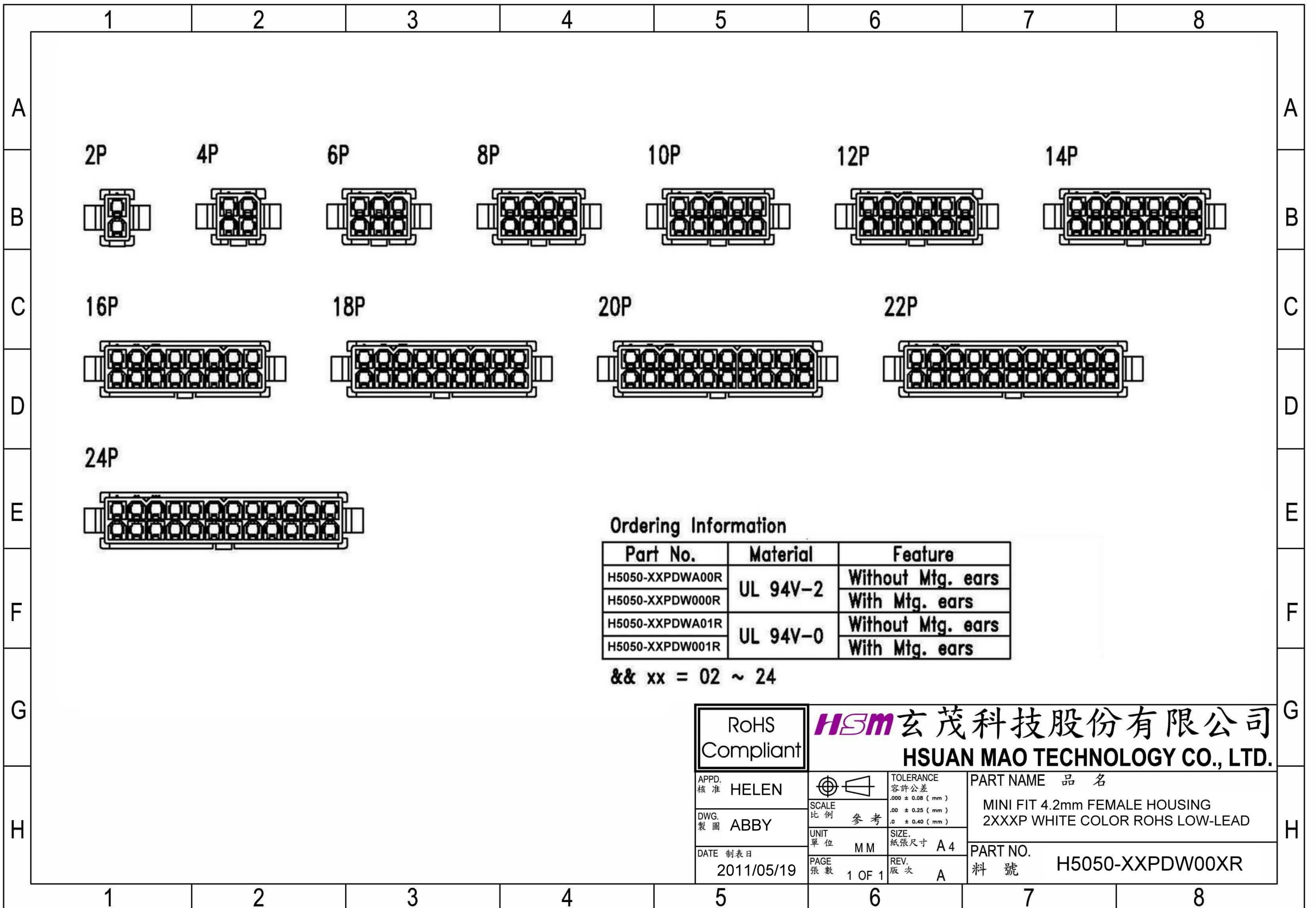
Circuits	Dim. A	Dim. B	Dim. C	Circuits	Dim. A	Dim. B	Dim. C
2		5.4	5.8	14	25.2	30.6	31.0
4	4.2	9.6	10.0	16	29.4	34.8	35.2
6	8.4	13.8	14.2	18	33.6	39.0	39.4
8	12.6	18.0	18.4	20	37.8	43.2	43.6
10	16.8	22.2	22.6	22	42.0	47.4	47.8
12	21.0	26.4	26.8	24	46.2	51.6	52.0

H 5050 — 12 P D W 0 0 0 R

- |   |   |  |
|---|---|--|
| 1. PRODUCTS:<br>H:Housing                               | 4. CONTACT TYPE:<br>P:Non Distribution      | 7. BODY OPTION:<br>0:W/ Ear<br>A:W/O Ear                 |
| 2. SERIES NO.:<br>5050(Female Housing)                  | 5. ROW TYPE:<br>S:Single Row<br>D:Dual Rows | 8. FILL IT WITH*0*                                       |
| 3. CONTACT NO.:<br>02(1x2)-12(1x12)<br>02(2x1)-24(2x12) | 6. INSULATOR COLOR:<br>W:White              | 9. MATERIAL:<br>0:Nylon 66 UL94V-2<br>1:Nylon 66 UL94V-0 |
|   |   | 10. R:ROHS   |

RoHS Compliant **HSM** 玄茂科技股份有限公司  
HSUAN MAO TECHNOLOGY CO., LTD.

APPD. 核准 HELEN	TOLERANCE 容許公差 .000 ± 0.08 ( mm ) .00 ± 0.25 ( mm ) .0 ± 0.40 ( mm )	PART NAME 品名 MINI FIT 4.2mm FEMALE HOUSING 2XXXP WHITE COLOR ROHS LOW-LEAD
DWG. 製圖 ABBY		SCALE 比例 參考 UNIT 單位 M M PAGE 張數 1 OF 1
DATE 制表日 2011/05/19	SIZE 紙張尺寸 A 4 REV. 版次 A	PART NO. 料號 H5050-XXPDW00XR



Ordering Information

Part No.	Material	Feature
H5050-XXPDWA00R	UL 94V-2	Without Mtg. ears
H5050-XXPDW000R		With Mtg. ears
H5050-XXPDWA01R	UL 94V-0	Without Mtg. ears
H5050-XXPDW001R		With Mtg. ears

&& xx = 02 ~ 24

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