

1

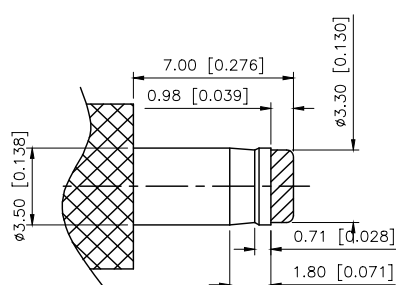
2

3

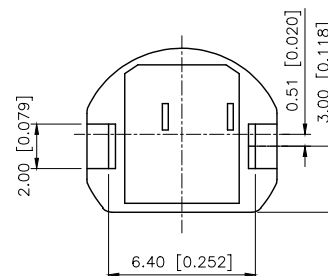
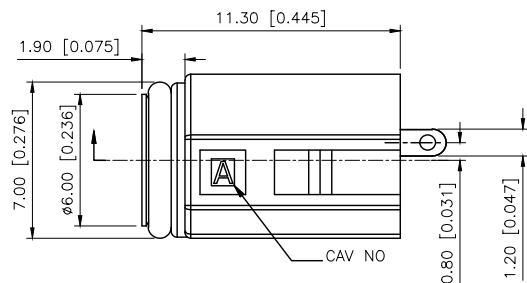
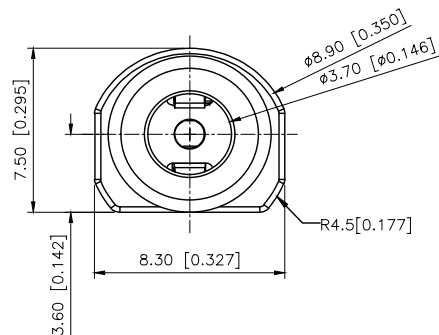
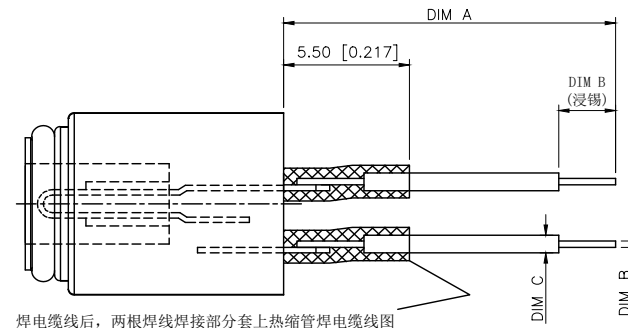
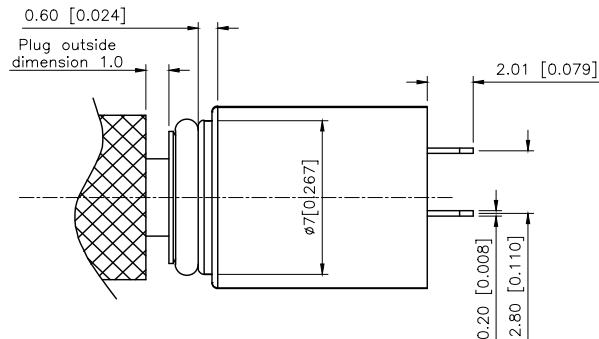
4

## REVISIONS

| REV. | ECN NO. | LOCATION | DESCRIPTION     | DATE       | DESIGN |
|------|---------|----------|-----------------|------------|--------|
| A0   | N/A     |          | INITIAL RELEASE | /          | /      |
| A1   | N/A     |          | 图面升级整理图面        | 2025.07.01 | 阿树     |



ø3.5mm DC PLUG DETAIL DRWING



## NOTES:

注释:

1.CONTACT CURRENT RATING: 1.5A.

触点额定电流: 1.5A.

2.CONTACT RESISTANCE:60 mΩ MAX.

接触电阻: 最大60 mΩ.

3.INSULATION RESISTANCE:100MΩ MIN.

绝缘电阻: 最小100MΩ.

4.DIELECTRIC WITHSTANDING:500V AC MIN.

耐介质: 最小500V AC.

5.DURABILITY:5.000 CYCLES MIN..

耐久性: 至少5,000次循环..

6.CONNECTOR MATING FORCES:2.94~29.4N(0.30~3.00Kg);

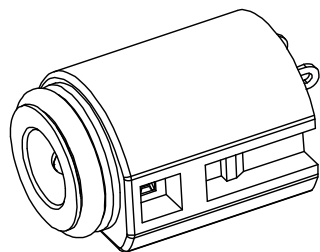
连接器配合力: 2.94~29.4N (0.30~3.00Kg);

7.CONNECTOR UNMATING FORCES:2.94~29.4N(0.30~3.00Kg)

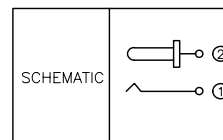
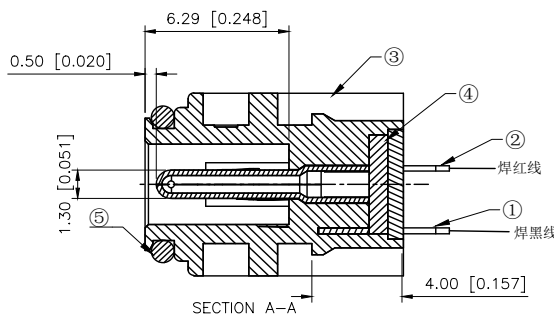
连接器脱离力: 2.94~29.4N (0.30~3.00Kg)

8.WATERPROOF STRENGTH:IP-X7

防水强度: IP-X7



3D VIEW



|            |                 |         |
|------------|-----------------|---------|
| Terminal 3 | Phosphor Bronze | TIN     |
| Terminal 2 | Brass           | TIN     |
| Center pin | Brass           | TIN     |
| Band       |                 |         |
| Plastic    | PA66            |         |
| PAPT NAMF  | MATERIAL        | PLATING |

|                        |       |
|------------------------|-------|
| AuGLAR                 | ±5°   |
| X.                     | ±0.40 |
| X.x                    | ±0.30 |
| X.xx                   | ±0.20 |
| X.xxx                  | ±0.15 |
| UNSPECIFIED TOLERANCES |       |



|          |    |             |                           |
|----------|----|-------------|---------------------------|
| DESIGN   | 阿树 | VIEW:       | MODEL TYPE: DC POWER JACK |
| CHECKED  |    | UNIT: mm/in | PART NO.: DC-F745         |
| APPROVED |    | SIZE: A4    | DWG NO.: DC-F745          |

|       |      |          |
|-------|------|----------|
| SCALE | PAGE | REVISION |
| N/A   | 1/1  | A1       |

1

2

3

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