

4

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10-760050-10P  
DOCUMENT NO.SHEET 1 OF 1  
REV. PA2

CUSTOMER DRAWING

REVISIONS

| REV | DESCRIPTION             | DATE       |
|-----|-------------------------|------------|
| PA1 | INITIAL RELEASE         | 2020-05-26 |
| PA2 | CHANGE THE PRODUCT CODE | 2020-09-03 |

44,45±0,78 [1.750±.031]  
34,93±0,12 [1.375±.005]  
44,45±0,78 [1.750±.031]  
34,93±0,12 [1.375±.005]  
4- Ø3,73<sup>+0,2</sup><sub>-0,1</sub> [.147<sup>+0,008</sup><sub>-0,004</sub>]  
CONTACT, EARTH

32,44±0,3 [1.277±.012]  
9,1±0,3 [.358±.012]  
2,7±0,3 [.106±.012]  
Ø35,99<sup>+0,0</sup><sub>-0,4</sub> [1.417<sup>+0,000</sup><sub>-0,016</sub>]  
16,95 REF. [.667]  
1 1/2 -18NEF -2A THD.  
15.9mm MIN. USEABLE THD.  
有效螺纹长度15.9mm最小

24-10P  
A  
F  
G  
E  
B  
C  
D  
A

截面 A-A  
1 2 3 4 5 6 7

SPECIFICATIONS / 技术参数

|                            |                                   |
|----------------------------|-----------------------------------|
| SERVER RATING 服务等级         | A                                 |
| NUMBER OF CONTACTS 端子数量    | 7                                 |
| CONTACT SIZE 端子大小          | #8                                |
| CURRENT RATE 额定电流          | 46A                               |
| OPERATING VOLTAGE 额定电压     | 500V AC 最大                        |
| OPERATING TEMPERATURE 工作温度 | -55°C TO 125°C                    |
| D.W.V. 耐电压                 | 2000V AC                          |
| INSULATION RESISTANCE 绝缘电阻 | 1000 MΩ最小(AT 500VDC)              |
| CONTACT RESISTANCE 端子接触电阻  | 5 mΩ 最大                           |
| DURABILITY 耐久性             | 100次                              |
| SALT SPRAY 盐雾              | 5%NaCl, 48小时                      |
| AIR LEAKAGE 气密性            | 2.9X10 <sup>4</sup> Pa压力下保持1分钟不泄露 |
| SHELL PLATING 外壳电镀         | BLACK ZINC PLATING 黑锌电镀           |
| APPLICABLE WIRE 适用线规       | 5.5mm <sup>2</sup> 最大             |

WHITE INK STAMP "AMPHENOL", ASSEMBLY NUMBER AND DATE CODE APPROX.  
白色油墨印字 AMPHENOL + 产品编号 + 制造日期(年周 1930)

| POS | QTY | DESCRIPTION     | MATERIAL & FINISH            | NOTE                    |
|-----|-----|-----------------|------------------------------|-------------------------|
| 7   | 1   | RETAINING RING  | COPPER ALLOY, TIN PLATING    |                         |
| 6   | 1   | REAR INSULATOR  | PLASTIC                      | COLOR: BLACK            |
| 5   | 1   | EARTH PIN       | COPPER ALLOY, NICKEL PLATING |                         |
| 4   | 1   | FRONT INSULATOR | SILICONE RUBBER              | COLOR: BLACK            |
| 3   | 1   | CONTACT, EARTH  | COPPER ALLOY, SILVER PLATING | CONTACT NO: D           |
| 2   | 6   | #8 CONTACT      | COPPER ALLOY, SILVER PLATING | CONTACT NO: A,B,C,E,F,G |
| 1   | 1   | SHELL           | ALUMINUM ALLOY, ZINC PLATING | COLOR: BLACK            |

PARTS LIST

UNLESS OTHERWISE SPECIFIED  
SPECIFICATIONS  
MATERIAL SPEC.  
N/A  
PROCESS SPEC.  
N/A

LINEAR DIMENSIONS ARE IN INCHES  
TOLERANCES:  
.XXXX = ±.0005 ANGLES= ±2°  
.XXX = ±.010  
.XX = ±.03  
.X = ±.1

DIM. & TOL. PER ASME Y14.5M;  
DRM PER MIL-DTL-31000;  
OTHER Amphenol Stds. PER 9-3800

LEGENDS:  
= FLAG NOTE CALL OUT REFERENCE ONLY

APPROVALS  
DATE  
PREPARED BY LIANG XU  
ENGINEER IN CHARGE LIANG XU  
DESIGN MANAGER RAN XIAO  
DESIGN ACTIVITY GROUP C3  
THIRD ANGLE PROJECTION

AMPHENOL INDUSTRIAL OPERATIONS

Amphenol Technology(Zhuhai)Co.,Ltd  
No.63, Xinghan Road, Sanzao Town, Jinwan, ZhuhaiCONNECTOR, ELECTRICAL RECEPTACLE  
97-3102E-24-10P(400)(955), GROUND-TYPE  
CONDUCTIVE BLACK ZINC ALLOY PLATED

| SIZE | CAGE CODE | DOCUMENT NO.  | REV. |
|------|-----------|---------------|------|
| C    | 77820     | 10-760050-10P | PA2  |

SCALE: 2.0 REF: N/A SHEET 1 OF 1

NOTES:  
1. THE REFERENCED PRODUCT IS IN COMPLIANCE WITH THE MAXIMUM CONCENTRATION VALUES(MCVS) AS SET BY RoHS 2.0 DIRECTIVE 2011/65/EU AND ANNEX II AMENDMENT DIRECTIVE (EU)2015/863.

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N/A

NEXT ASSEMBLY

PRO/ENGINEER INFORMATION  
Pro/e Model Used:  
10-760050-10P.ASSEM  
Drawing Name:  
10-760050-10P

DOCUMENT NO.  
10-760050-10P

SHEET 1 OF 1

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PA2

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