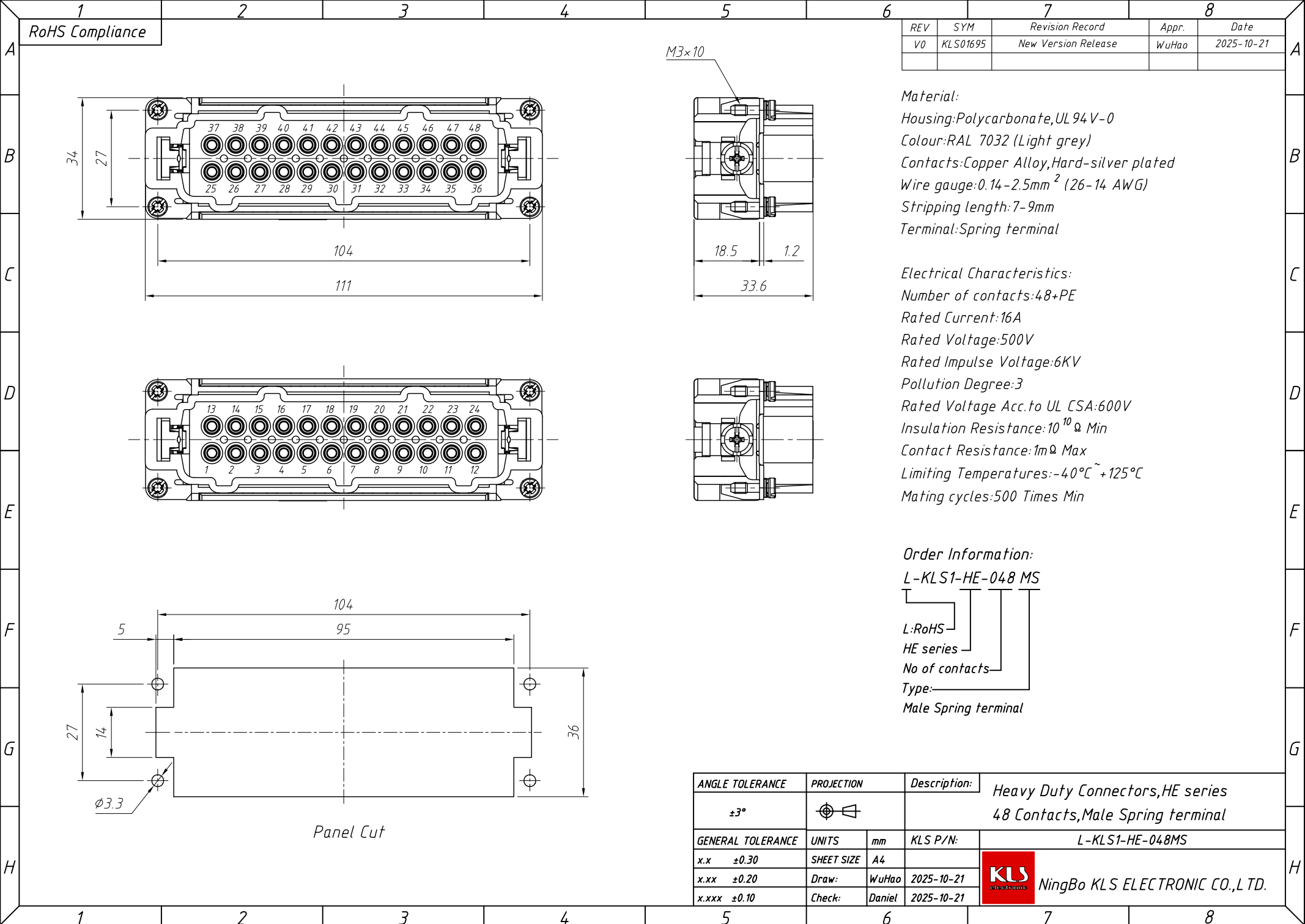




RoHS Compliance

| REV | SYM      | Revision Record     | Appr. | Date       |
|-----|----------|---------------------|-------|------------|
| V0  | KLS01695 | New Version Release | WuHao | 2025-10-21 |

Material:  
Housing:Polycarbonate,UL 94 V-0  
Colour:RAL 7032 (Light grey)  
Contacts:Copper Alloy,Hard-silver plated  
Wire gauge:0.14-2.5mm<sup>2</sup> (26-14 AWG)  
Stripping length:7-9mm  
Terminal:Spring terminal

Electrical Characteristics:  
Number of contacts:48+PE  
Rated Current:16A  
Rated Voltage:500V  
Rated Impulse Voltage:6KV  
Pollution Degree:3  
Rated Voltage Acc.to UL CSA:600V  
Insulation Resistance:10<sup>10</sup>Ω Min  
Contact Resistance:1mΩ Max  
Limiting Temperatures:-40℃~+125℃  
Mating cycles:500 Times Min

Order Information:  
L-KLS1-HE-048 MS  
L:RoHS  
HE series  
No of contacts  
Type:  
Male Spring terminal

| ANGLE TOLERANCE   | PROJECTION | Description:                                                        |
|-------------------|------------|---------------------------------------------------------------------|
| ±3°               |            | Heavy Duty Connectors,HE series<br>48 Contacts,Male Spring terminal |
| GENERAL TOLERANCE | UNITS      | mm                                                                  |
| x.x ±0.30         | SHEET SIZE | A4                                                                  |
| x.xx ±0.20        | Draw:      | WuHao                                                               |
| x.xxx ±0.10       | Check:     | Daniel                                                              |
|                   |            | KLS P/N: L-KLS1-HE-048MS                                            |



NingBo KLS ELECTRONIC CO.,L TD.