



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

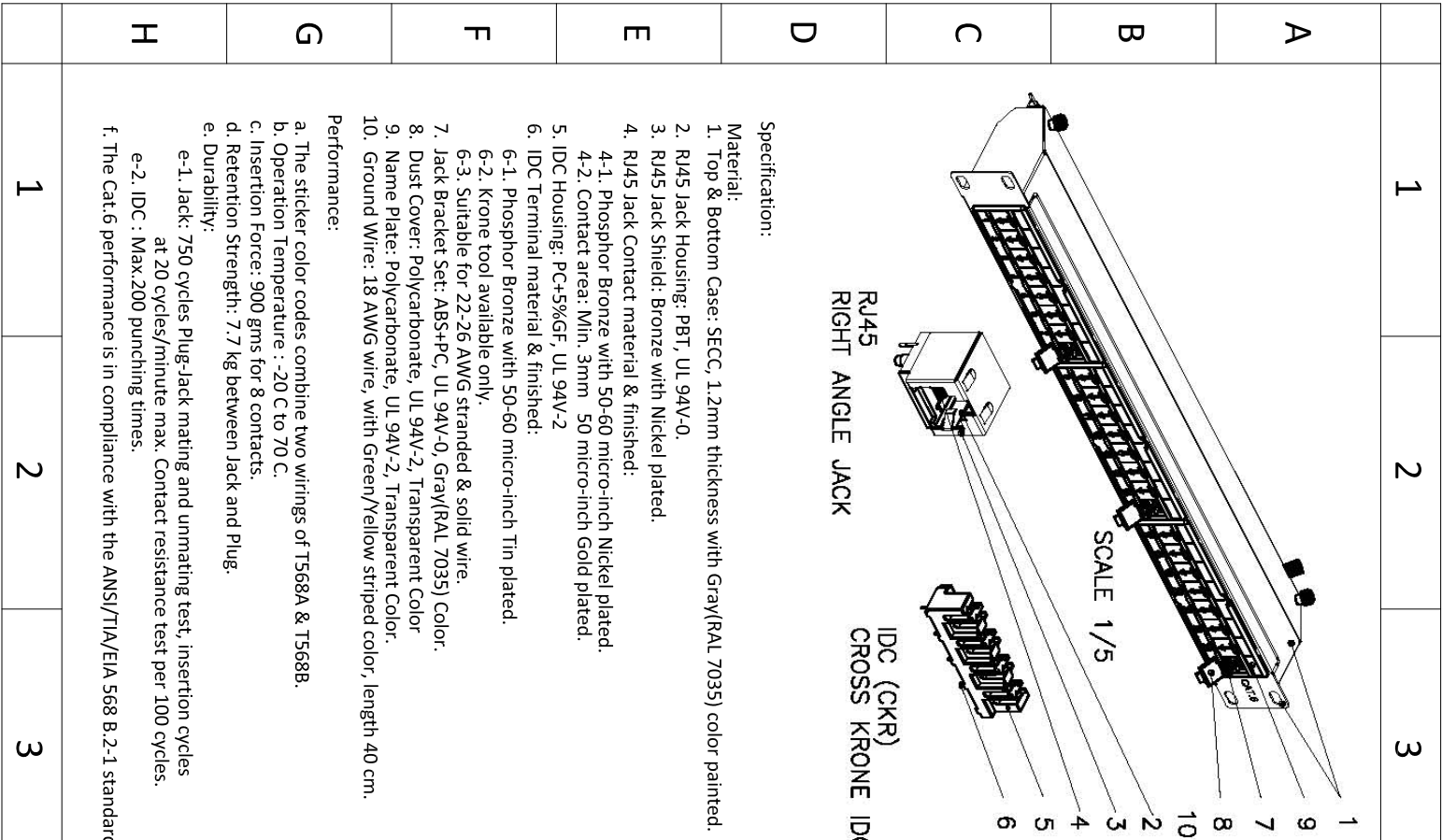
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Signature	Revision History	Date	Rev.
G.Chen	Release DIGITUS format drawing	May, 19, 2010	01



**Specification:**

**Material:**  
 1. Top & Bottom Case: SECC, 1.2mm thickness with Gray(RAL 7035) color painted.

2. RJ45 Jack Housing: PBT, UL 94V-0.  
 3. RJ45 Jack Shield: Bronze with Nickel plated.

4. RJ45 Jack Contact material & finished:  
 4-1. Phosphor Bronze with 50-60 micro-inch Nickel plated.  
 4-2. Contact area: Min. .3mm 50 micro-inch Gold plated.

5. IDC Housing: PC+5%GF, UL 94V-2

6. IDC Terminal material & finished:  
 6-1. Phosphor Bronze with 50-60 micro-inch Tin plated.  
 6-2. Krone tool available only.

6-3. Suitable for 22-26 AWG stranded & solid wire.

7. Jack Bracket Set: ABS+PC, UL 94V-0, Gray(RAL 7035) Color.

8. Dust Cover: Polycarbonate, UL 94V-2, Transparent Color

9. Name Plate: Polycarbonate, UL 94V-2, Transparent Color.

10. Ground Wire: 18 AWG wire, with Green/Yellow striped color, length 40 cm.

**Performance:**

a. The sticker color codes combine two wirings of T568A & T568B.

b. Operation Temperature : -20 C to 70 C.

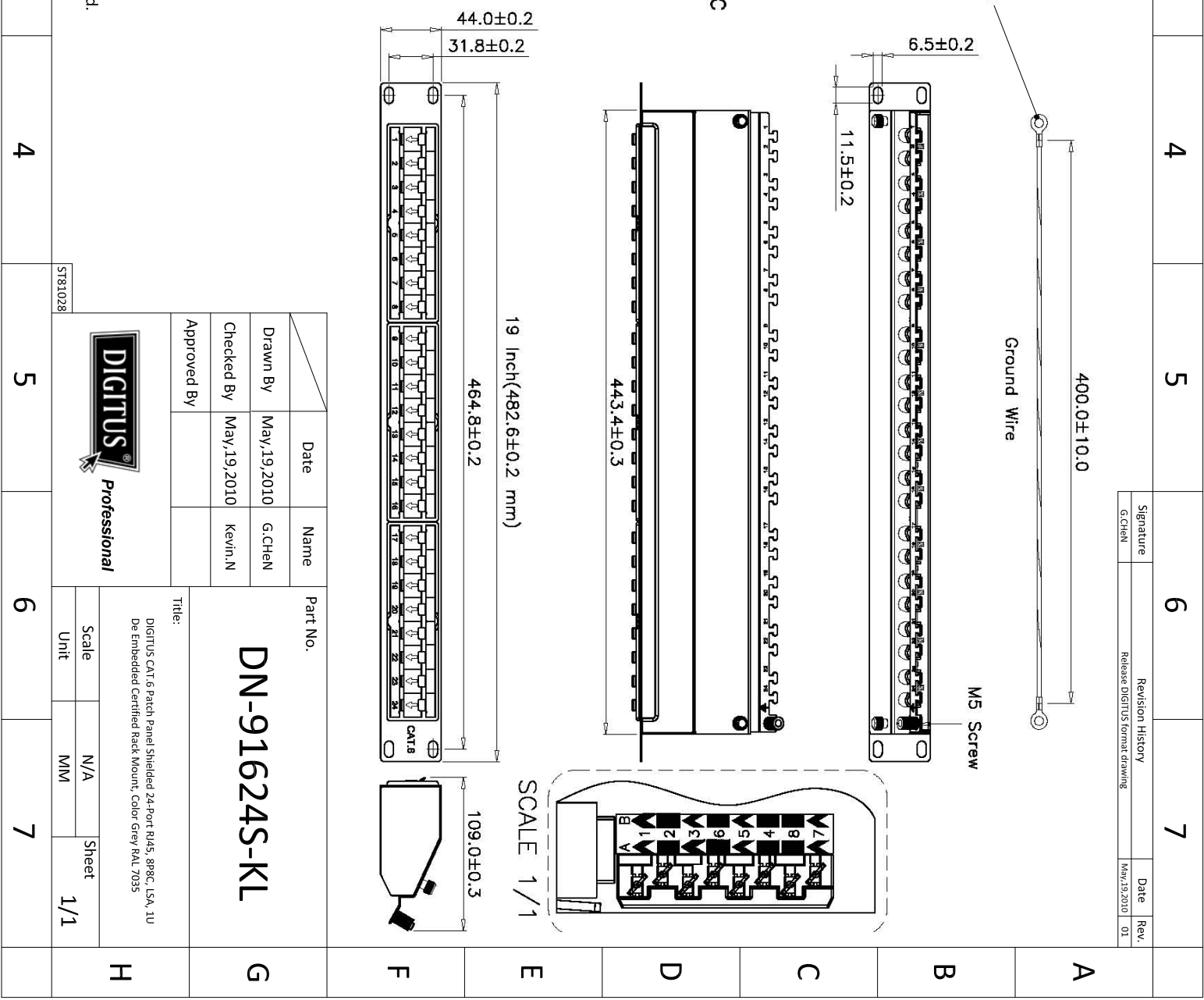
c. Insertion Force: 900 gms for 8 contacts.


d. Retention Strength: 7.7 kg between Jack and Plug.

**Durability:**

e-1. Jack: 750 cycles Plug-Jack mating and unmating test, insertion cycles at 20 cycles/minute max. Contact resistance test per 100 cycles.  
 e-2. IDC : Max:200 punching times.

f. The Cat.6 performance is in compliance with the ANSI/TIA/EIA 568 B.2-1 standard.



<table border="1"> <tr> <td>Drawn By</td> <td>May, 19, 2010</td> <td>G.Chen</td> </tr> <tr> <td>Checked By</td> <td>May, 19, 2010</td> <td>Kevin.N</td> </tr> <tr> <td>Approved By</td> <td></td> <td></td> </tr> </table>		Drawn By	May, 19, 2010	G.Chen	Checked By	May, 19, 2010	Kevin.N	Approved By			<table border="1"> <tr> <td>Date</td> <td>Name</td> </tr> <tr> <td>May, 19, 2010</td> <td>G.Chen</td> </tr> <tr> <td>May, 19, 2010</td> <td>Kevin.N</td> </tr> </table>		Date	Name	May, 19, 2010	G.Chen	May, 19, 2010	Kevin.N
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		<b>Part No.</b> <b>DN-91624S-KL</b>																
<b>Title:</b> DIGITUS CAT.6 Patch Panel Shielded 24-Port RJ45, 8P8C, USA, 1U Die Embedded Certified Rack Mount, Color Grey RAL 7035		<b>Scale</b> N/A	<b>Sheet</b> 1/1															
STR81028		<b>Unit</b> MM	<b>Scale</b> N/A															