

MODEL	SLIDE DIP SWITCHES SPECIFICATIONS.		CUSTOMER														
<p>1. TEST CONDITION : Standard test condition shall be 5~35°C in temperature and 45~85%RH. in humidity should any daubt arise in judgement, tests shall be conducted at 20±2°C and 65±5%RH.</p> <p>2. PRACTICAL TEMPERATURE RANGE : -20 ~ +70°C</p> <p>3. RATINGS : <u>0.5</u> A, <u>12</u> VDC (with load resistance)</p> <p>4. ELECTRICAL PERFORMANCE</p> <p>4-1 Contact resistance : <u>30</u> mΩ Max</p> <p>4-2 Insulation resistance : <u>10,000</u> MΩ at <u>500</u> VDC for 1 Miniute.</p> <p>4-3 Withstanding voltage : AC <u>500</u> V for 1 Minute.</p> <p>4-4 Exchanging time : Non Shorting.</p> <p>5. MECHANICAL PERFORMANCE</p> <p>5-1 Operating force : <u>100 ~ 700</u> ± _____ gf.</p> <p>5-2 Terminal strength : <u>100</u> gf for <u>30</u> sec.</p> <p>5-3 Stopper strength : <u>1.0</u> Kgf for <u>10</u> sec.</p> <p>5-4 Lever throw or Stroke : _____ ± _____ ° or <u>1.5</u> ± <u>0.2</u> mm</p> <p>5-5 Insulator : <u>NYLON# 66</u></p> <p>5-6 Terminal : <u>BRASS</u> , <u>GOLD</u> Plated.</p> <p>6. DURABILITY</p>																	
<table border="1"> <thead> <tr> <th data-bbox="156 1355 244 1406"></th> <th data-bbox="244 1355 472 1406">Property</th> <th data-bbox="472 1355 943 1406">Test condition</th> <th data-bbox="943 1355 1433 1406">Performance</th> </tr> </thead> <tbody> <tr> <td data-bbox="156 1406 244 1608">6-1</td> <td data-bbox="244 1406 472 1608">Operating Life (without load)</td> <td data-bbox="472 1406 943 1608"><u>3,000</u> Cycles operations at a rate of 15~20cycle / min without load.</td> <td data-bbox="943 1406 1433 1608">·Contact resistance (4-1) :MAX <u>100</u> MΩ. ·Insulation resistance (4-2) : More than 10 MΩ.</td> </tr> <tr> <td data-bbox="156 1608 244 1816">6-2</td> <td data-bbox="244 1608 472 1816">Operating Life (with load)</td> <td data-bbox="472 1608 943 1816"><u>3,000</u> Cycles operations at a rate of 15~20cycle / minute with a load of <u>0.5</u> A <u>12</u> V DC.</td> <td data-bbox="943 1608 1433 1816">·Withstand voltage (4-3) : <u>500</u> VAC 1 minute. Not breaking insulation. ·Operating force (5-1) :+10、-30% of specification.</td> </tr> </tbody> </table>							Property	Test condition	Performance	6-1	Operating Life (without load)	<u>3,000</u> Cycles operations at a rate of 15~20cycle / min without load.	·Contact resistance (4-1) :MAX <u>100</u> MΩ. ·Insulation resistance (4-2) : More than 10 MΩ.	6-2	Operating Life (with load)	<u>3,000</u> Cycles operations at a rate of 15~20cycle / minute with a load of <u>0.5</u> A <u>12</u> V DC.	·Withstand voltage (4-3) : <u>500</u> VAC 1 minute. Not breaking insulation. ·Operating force (5-1) :+10、-30% of specification.
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ILOSAM ELECTRONIC CO., LTD		DESIGNED	CHECKED	APPROVAL													

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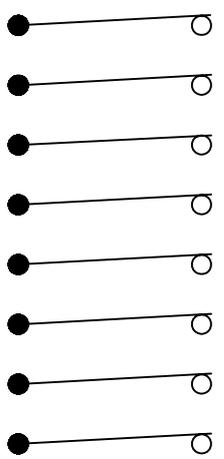
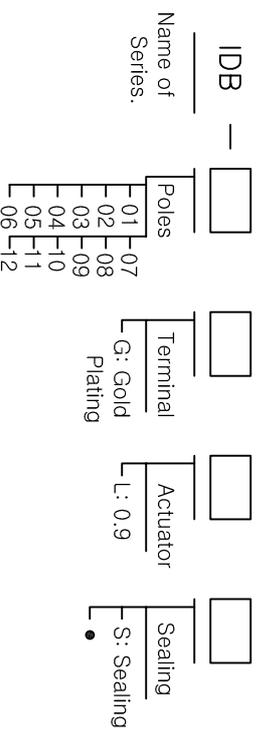
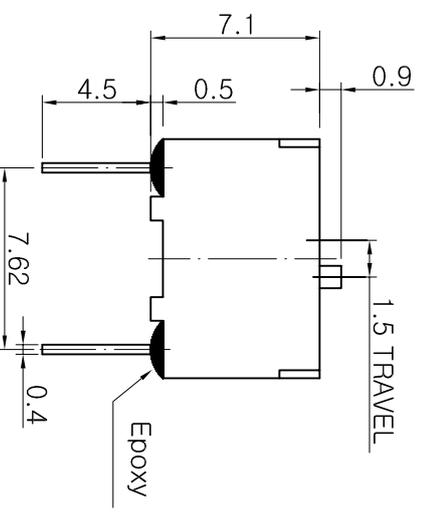
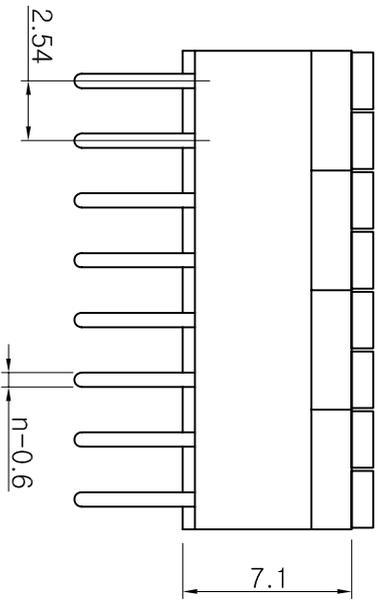
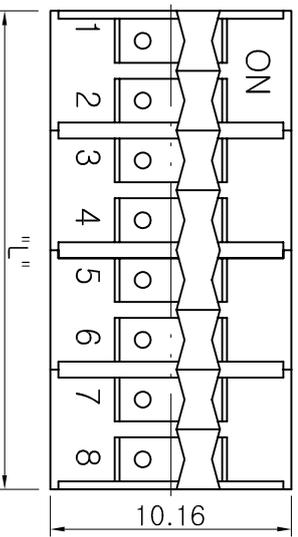
7. WEATHER PROOF

	Property	Test condition	Performance
7-1	Cold Proof	When measured within 1 hour afte remaining switch for <u>48</u> hours at <u>-20± 2°C</u>	·Contact resistance (4-1) :MAX <u>80</u> MΩ. ·Insulation resistance (4-2) : More than <u>10</u> MΩ.
7-2	Hot Proof	When measured within 1 hour afte remaining switch for <u>48</u> hours at <u>85± 2°C</u>	·Withstand voltage (4-3) : <u>500</u> VAC 1 minute. Not breaking insulation.
7-2	Humidity	When measured within 1 hour afte remaining switch for <u>96</u> hours at <u>40± 2°C</u> and <u>90 ~ 95 %</u> RH.	·Operating force (5-1) :within +10, -30% of specification.

8. SOLDER CONDITION

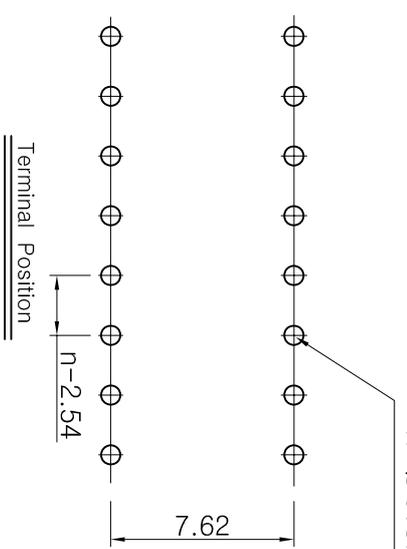
8-1. 5 sec at 250 ± 5°C

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CIRCUIT

n-Ø0.8Hole



(mm)

POLE	"L" DIMENSION
01	3.2
02	5.0
03	8.2
04	10.1
05	13.3
06	15.2
07	18.4
08	20.2
10	25.3
12	30.4

<p style="text-align: center;">ILOSAM ELECTRONICS CO., LTD</p>		DRAWING BY	MODEL NAME	SLIDE DIP SWITCHES
		CHECKED BY	PART NAME	IDB
		APPROVED BY	DATE	MAY. 28. 2003.