

# SPECIFICATION FOR APPROVAL

CUSTOMER

DATE

PART NAME: Telephone hook Switch

MODEL : **HSH2240 series**

APPROVED BY
Approved No.
Model <b>HSH2240 series</b>
Part Name Hook Switch



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DSG'D \_\_\_\_\_.

APP'D \_\_\_\_\_.

ENG. DEPT. DIVISION

Sales

## TELEPHONE HOOK SWITCHES

### Common Specifications

1. Rating: 200mA 48V DC(Resistive load)
2. Electrical Performance

Item	Test Condition	Performance
Contact Resistance	DC 5V, 1A	500mΩ Max
Insulation Resistance	500V DC for 1 minute	100mΩ Max
Withstand Voltage	500V AC for 1 minute	Not Breaking Insulation

### 3. Mechanical Performance

Item	Test Condition	Performance
Operation force	55gf Max	As per individual specifications
Terminal strength	500gf for 1 minute	No terminal rejection and insulator breakage
Lever strength	1kgf static force for 15 seconds	There shall not be any troubles as deviation and bending

### 4. Endurance

Item	Test Condition	Performance
Life test	300,000 cycles without load 100,000 cycles with 0.2A 48V DC resistive load	<ul style="list-style-type: none"><li>• Contact resistance: 100mΩ Max</li><li>• Operating Force: +10% -30% initial value</li><li>• Insulation resistance: 100mΩ Max</li><li>• Withstand Voltage: 250V AC for 1 minute</li></ul>
Cold proof	-20 ± 2°C for 96 hours After test: Kept in normal condition for 1 hour to be measured within 1 hour	<ul style="list-style-type: none"><li>• Contact resistance: 100mΩ Max</li><li>• Operating force: +10% -30% initial value</li><li>• Insulation resistance: 100mΩ Max</li><li>• Withstand voltage: 250V AC for 1 minute</li></ul>
Dry heat proof	80 ± 2°C for 48 ± 5 hours After test: Kept in normal condition for 1 hour to be measured within 1 hour	
Moisture resistance	40 ± 2°C for 90~95 hours After test: Kept in normal condition for 1 hour to be measured within 1 hour	

5. Solder Heat Resistance & Auto Soldering: 260°C /5 Seconds  
Manual Soldering: 350 ± 10°C /3 Seconds

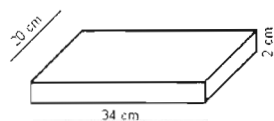
**HUA-JIE (TAIWAN) CORP.**

## TELEPHONE HOOK SWITCHES

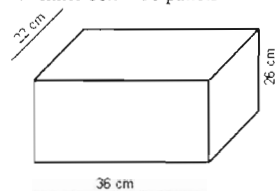
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### Packing list

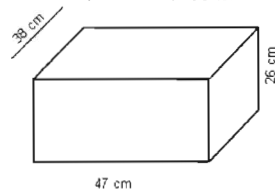
1. Palette



2. Inner box = 10 pallets



3. Cartoon = 2 inner boxes



Total quantity of HSH2240 in 1 cartoon = 5 200 pieces

Total quantity of HSH2240A in 1 cartoon = 4 800 pieces

Total quantity of HSH2240B in 1 cartoon = 4 000 pieces

Total quantity of HSH2240B in 1 cartoon = 5 200 pieces

HUA-JIE (TAIWAN) CORP.

## TELEPHONE HOOK SWITCHES

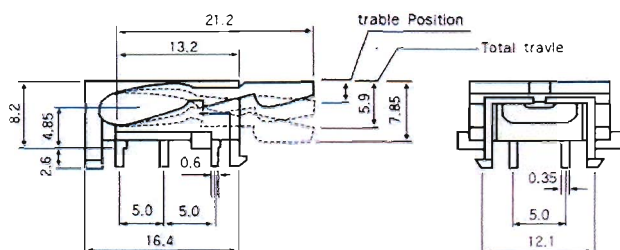
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### Material list

	Color	Material	Melting point
Case	Black	Nylon66 + G30	256
Case terminal		Brass	
Cover	Blue	Nylon + G15	240
Push	White	Acetal	180
Clip support	Black	PBT + G30	240
Clip		Phosphorvs.Bronze + clad AG	
Spring		SUS304	

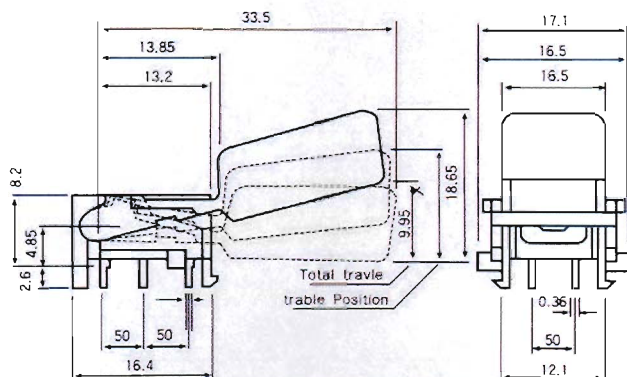
# TELEPHONE HOOK SWITCHES

HSH-2240



1	3	ON				OFF	
2	3	OFF				ON	
4	6	ON				OFF	
5	6	OFF				ON	
		0	1	2	3	4	5

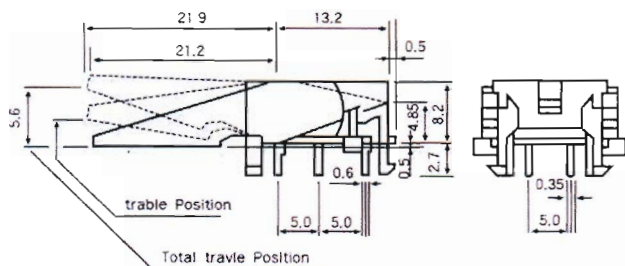
HSH-2240A



1	3	ON	OFF
2	3	OFF	ON
4	6	ON	OFF
5	6	OFF	ON

## TELEPHONE HOOK SWITCHES

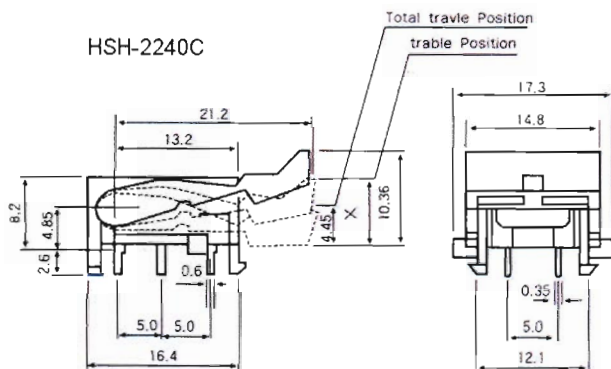
HSH-2240B



1	3	ON	OFF
2	3	OFF	ON
4	6	ON	OFF
5	6	OFF	ON

0.5 4.9

HSH-2240C



1	3	ON	OFF
2	3	OFF	ON
4	6	ON	OFF
5	6	OFF	ON

9.35 5.15