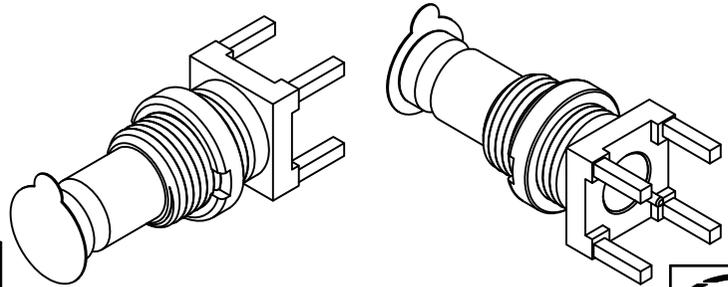
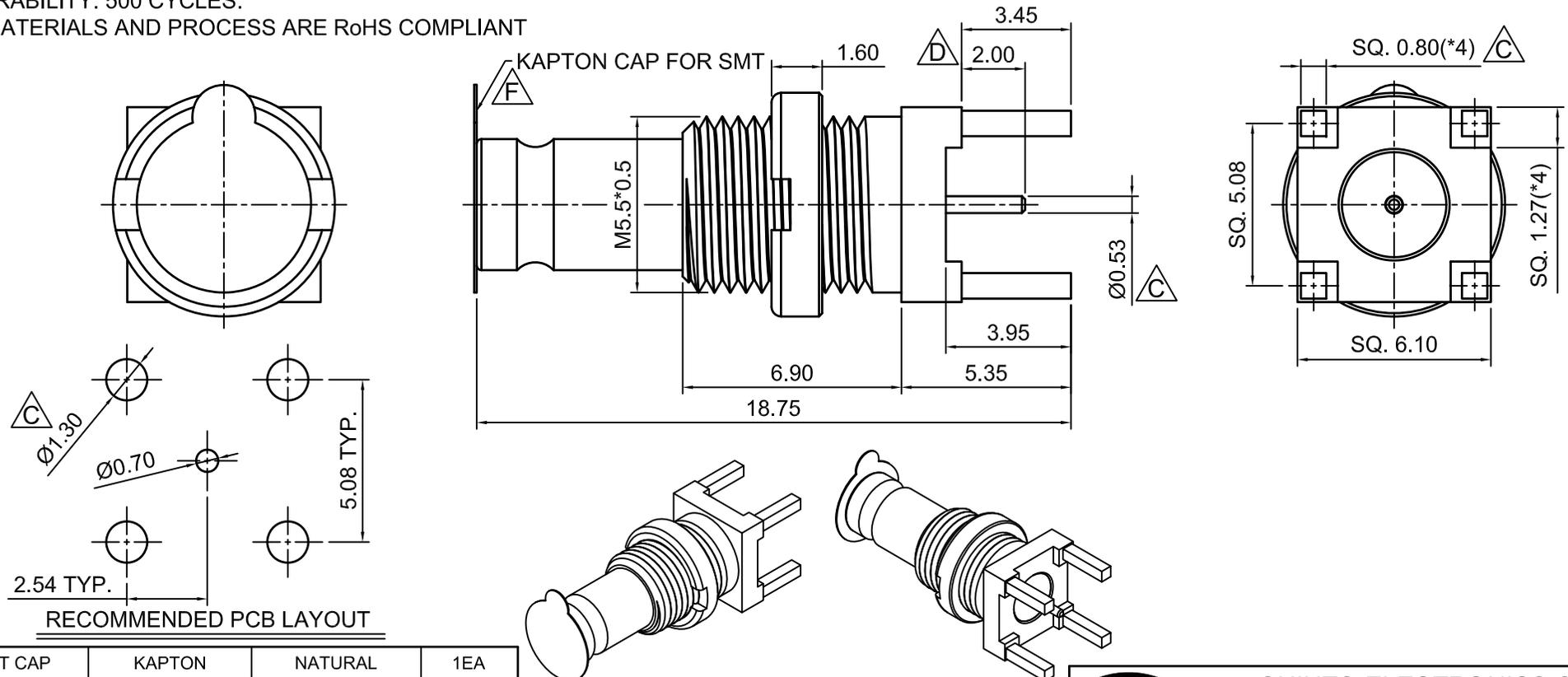


**NOTE:**

1. ELECTRICAL CHARACTERISTICS:
  - 1.1 FREQUENCY RANGE:DC~12GHz
  - 1.2 IMPEDANCE:75Ω
  - 1.3 VSWR:1.3 MAX @ 6GHz.
  - 1.4 INSULATION RESISTANCE: 5000MΩ MIN.
  - 1.5 CONTACT RESISTANCE
    - 1.5.1 CENTER CONTACT: 3 MΩ
    - 1.5.2 OUTER CONTACT: 2.5 MΩ
2. MECHANICAL CHARACTERISTICS:
  - 2.1 TEMPERATURE RANGE: -65°C~+165°C
  - 2.2 DURABILITY: 500 CYCLES.
3. ALL MATERIALS AND PROCESS ARE RoHS COMPLIANT

Rev.	ECN#	Description	Changed by	Date
A	NONE	FIRST RELEASE.	M.YANG	2019-07-31
B	NONE	NUT THICKNESS 1.6mm WAS 2.1mm.	M.YANG	2019-12-16
C	NONE	MODIFIED THE DIMENSION OF FIVE PINS.	M.YANG	2022-12-01
D	NONE	NEW PACKAGE SOLUTION FOR SMT.	M.YANG	2023-04-11
E	NONE	CENTER SOLDERING PIN 2.00 WAS 3.45MM.	M.YANG	2023-08-24
F	NONE	SMT CAP CHANGING TO THE KAPTON CAP.	M.YANG	2024-12-23



⑤	SMT CAP	KAPTON	NATURAL	1EA
④	NUT	BRASS	NICKEL	1EA
③	CONTACT PIN	BERYLLIUM COPPER	GOLD	1EA
②	INSULATOR	TEFLON	NATURAL	1EA
①	BODY	BRASS	GOLD	1EA
ITEM	NAME	MATERIAL	TREATMENT	QTY
<b>Bill Of Material</b>				

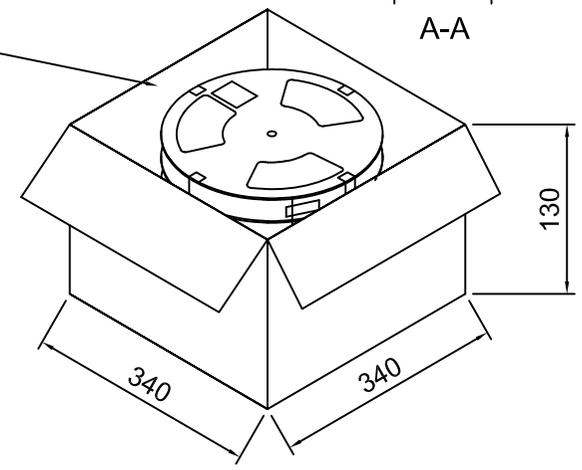
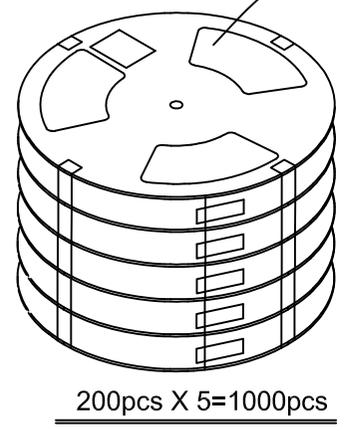
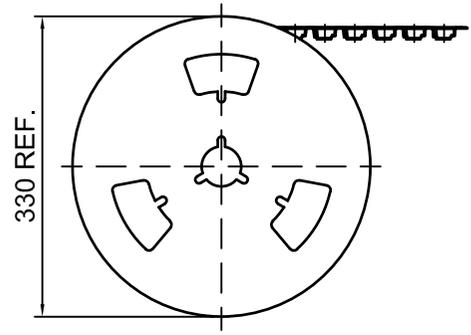
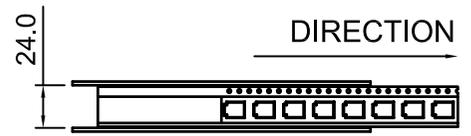
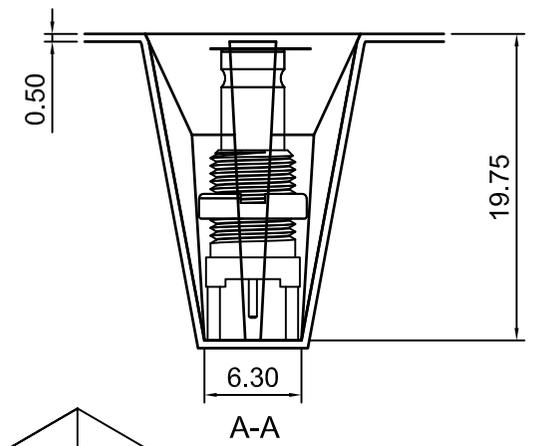
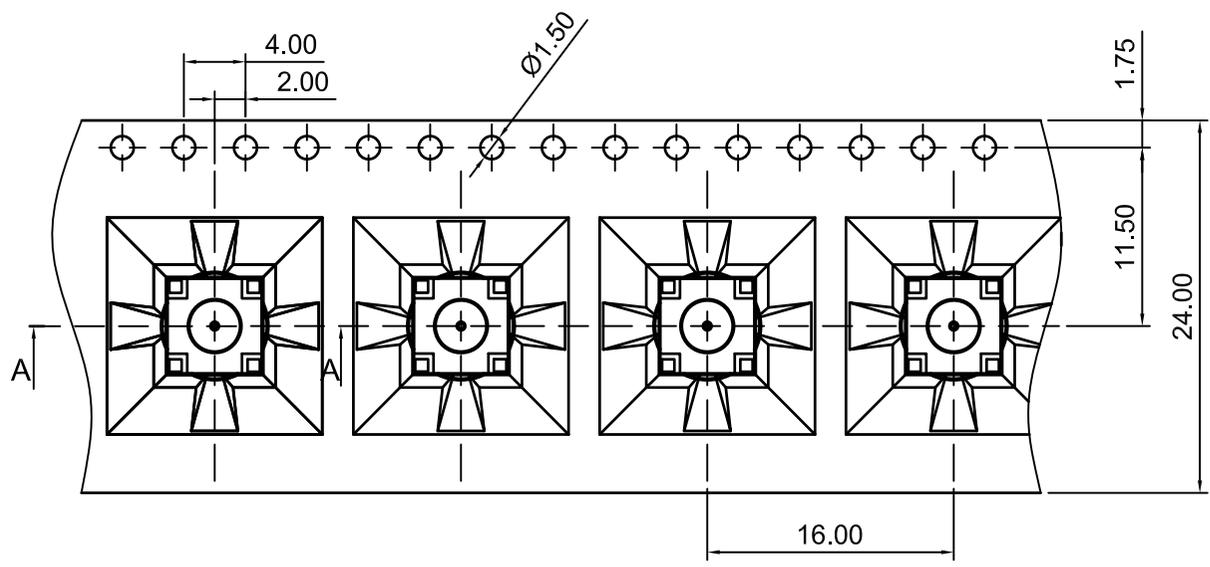
TOLERANCES UNLESS OTHERWISE SPECIFIED	
ONE PLACE DECIMAL .X	±0.20
TWO PLACE DECIMAL .XX	±0.1
THREE PLACE DECIMAL .XXX	±0.05
HOLE DIA. VARIATION .XX	N/A
ANGULAR DIMENSION	±3°

Signature	
Approved By:	
Checked By:	
Drawn By:	M.YANG

**SHINTO ELECTRONICS CO.,LTD**  
<http://www.shinto-electronics.com>

Shinto P/N: OTFS200PCB-A727	
Description: DIN1023-75 jack S/T BH for PCB DIP mount	
Material: See BOM	Treatment: See BOM
Unit: mm	Size: A4
Scale: 5:1	Sheet: 1 of 3

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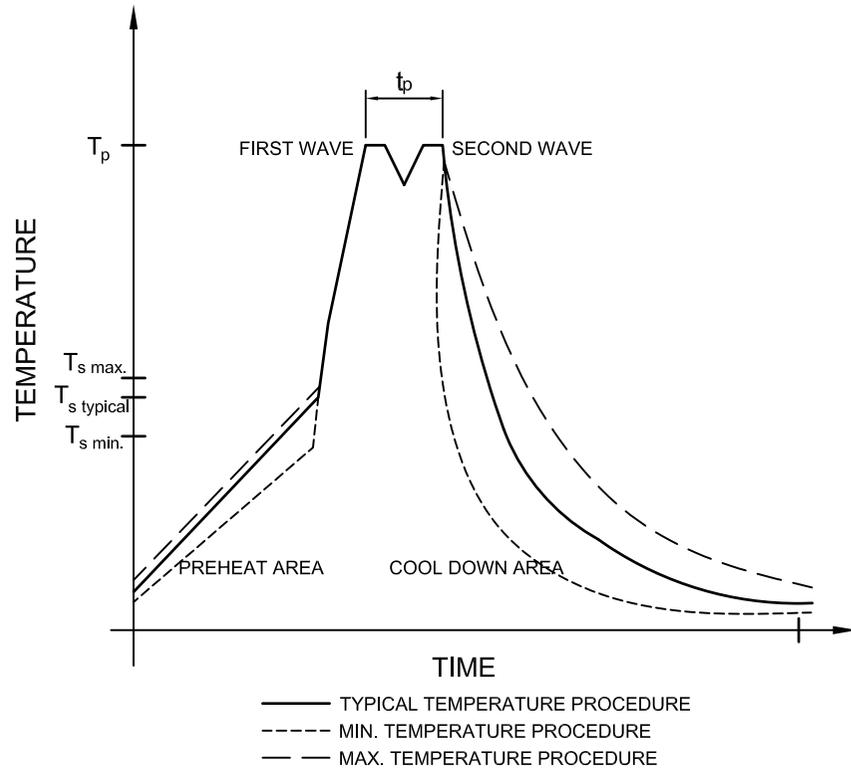
TOLERANCES UNLESS OTHERWISE SPECIFIED		
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THREE PLACE DECIMAL .XXX		±0.05
HOLE DIA. VARIATION .XX	N/A	
ANGULAR DIMENSION		±3°

Signature	
Approved By:	
Checked By:	
Drawn By:	M.YANG

<b>SHINTO</b> SHINTO ELECTRONICS CO.,LTD http://www.shinto-electronics.com	
Shinto P/N:	OTFS200PCB-A727
Description:	DIN1023-75 jack S/T BH for PCB DIP mount
Material:	See BOM
Treatment:	See BOM
Unit:	mm
Size:	A4
Scale:	2:1
Sheet:	2 of 3

Rev.	ECN#	Description	Changed by	Date
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**CLASSIFICATION WAVE SOLDERING PROFILE:**



**CLASSIFICATION WAVE SOLDERING PROFILE:**

PROFILE FEATURE		PB-FREE ASSEMBLY	SN-PB ASSEMBLY
PREHEAT TEMPERATURE MIN.(1)	$T_{s \min}$	100°C	100°C
PREHEAT TEMPERATURE TYPICAL	$T_{s \text{ typical}}$	120°C	120°C
PREHEAT TEMPERATURE MAX.	$T_{s \max}$	130°C	130°C
PREHEAT TIME $t_s$ FROM $T_{s \min}$ TO $T_{s \max}$	$t_s$	70 SECONDS	70 SECONDS
RAMP-UP RATE	$\Delta T$	150°C MAX.	150°C MAX.
PEAK TEMPERATURE	$T_p$	250°C ~ 260°C	230°C ~ 260°C
TIME OF ACTUAL PEAK TEMPERATURE	$t_p$	MAX. 10 SECONDS MAX. 5 SECONDS EACH WAVE	MAX. 10 SECONDS MAX. 5 SECONDS EACH WAVE
RAMP-DOWN RATE, MIN.		~ 2 K / SECONDS	~ 2 K / SECONDS
RAMP-DOWN RATE, TYPICAL		~ 3.5 K / SECONDS	~ 3.5 K / SECONDS
RAMP-DOWN RATE, MAX.		~ 5 K / SECONDS	~ 5 K / SECONDS
TIME 25°C TO 25°C		4 MINUTES	4 MINUTES

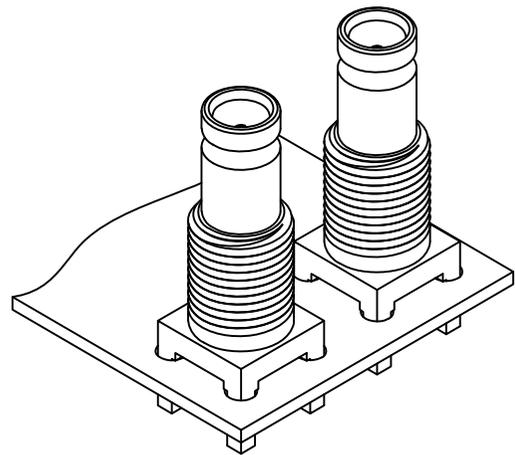
(1) REFER TO EN61760-1:2006

**Soldering**

The solder profile must comply with SHINTO technical soldering specification, otherwise this will void the warranty. Other soldering methods are not verified and have to be validated by the customer at his own risk.

**Cleaning and washing**

Parts are not constructed for washing, so washing can cause malfunction afterwards. Cleaning agent that are used to clean the customer applications might damage or change the characteristics of the component, body pins and termination.



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TOLERANCES UNLESS OTHERWISE SPECIFIED ONE PLACE DECIMAL .X ±0.20 TWO PLACE DECIMAL .XX ±0.1 THREE PLACE DECIMAL .XXX ±0.05 HOLE DIA. VARIATION .XX N/A ANGULAR DIMENSION ±3°	Signature		Shinto P/N: OTFS200PCB-A727		
	Approved By:		Description: DIN1023-75 jack S/T BH for PCB DIP mount		
	Checked By:		Material: See BOM	Treatment: See BOM	
	Drawn By:	M.YANG	Unit: mm	Size: A4	Scale: 5:1
			Sheet: 3 of 3		