



Note:
 Material: AL 1050
 Finish: Nature anodized
 Pin: Fe, Tin plated
 ② Recommended IC size: ≤25x25mm
 Recommended IC power: ≤4W

WSW order code:
 V2200N1: w/o foil and solder pin
 V2200N1-F: with foil , w/o solder pin
 V2200N1-LP: w/o foil , with solder pin
 V2200N1-F-LP: with foil and solder pin

RoHS compliant
 Unit: mm

Scale	Free					Date	Name	Customer-No.	
③	TOLERANCE					Drawn	25.01.2016	Amy	
	Less 10	±0.10							
	10~30	±0.20	③	Update tolerance and add pin	30.05.2018	Segal	Approved	30.05.2018	Amy
	31~50	±0.30	②	Add IC size and power in notes	22.05.2018	Amy			
	51~120	±0.50	①	Add thermal resistance graph	19.02.2016	Amy			
	DIM	Tol	①	Drawn	25.01.2016	Amy			
	Angle	±1°	Id.	Modification	Date	Name			

Customer-No.		V2200N1-x
ASSMANN WSW-No.		
Drawing-No.		ASS 4263 HS
Replace		
Sheet		rev03
		1 / 2



A	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="3">IT-738 Thermally Conductive Attachment Tape</th> </tr> <tr> <td style="width:33%;">Item</td> <td style="width:33%;">IT-738</td> <td style="width:33%;">Test Method</td> </tr> <tr> <td>Color</td> <td>White</td> <td>Visual</td> </tr> <tr> <td>Thickness</td> <td>0.375mm</td> <td>ASTM D374</td> </tr> <tr> <td>Thickness tolerance</td> <td>±10%</td> <td>/</td> </tr> <tr> <td>Construction & Composition</td> <td>High performance Ceramic filled acrylic pressure-sensitive adhesive</td> <td>Visual</td> </tr> <tr> <td>Thermal Conductivity (W/mk)</td> <td>1.2</td> <td>ASTM D5470</td> </tr> <tr> <td>Peel Strength 90° on aluminum</td> <td>3000 g</td> <td>ASTM D1000</td> </tr> <tr> <td>Holding Power 1kg@Room Temp using 1 in²</td> <td>1 week PASS</td> <td>PSTC-107</td> </tr> <tr> <td>Dielectric Strength</td> <td>668 Volts/mil</td> <td>ASTM D-149</td> </tr> <tr> <td>Holding Power 500g@70°C using 1 in²</td> <td>1 week PASS</td> <td>PSTC-107</td> </tr> <tr> <td>Continuous Use Temp</td> <td>-30°C to 150°C</td> <td>/</td> </tr> <tr> <td>Voltage Breakdown</td> <td>>5KV</td> <td>SSTM D149</td> </tr> <tr> <td>RoHS Compliant</td> <td>YES</td> <td>SGS</td> </tr> <tr> <td>REACH Compliant</td> <td>YES</td> <td>SGS</td> </tr> <tr> <td>Flammability Rating</td> <td>V-0</td> <td>UL 94</td> </tr> </table>						IT-738 Thermally Conductive Attachment Tape			Item	IT-738	Test Method	Color	White	Visual	Thickness	0.375mm	ASTM D374	Thickness tolerance	±10%	/	Construction & Composition	High performance Ceramic filled acrylic pressure-sensitive adhesive	Visual	Thermal Conductivity (W/mk)	1.2	ASTM D5470	Peel Strength 90° on aluminum	3000 g	ASTM D1000	Holding Power 1kg@Room Temp using 1 in ²	1 week PASS	PSTC-107	Dielectric Strength	668 Volts/mil	ASTM D-149	Holding Power 500g@70°C using 1 in ²	1 week PASS	PSTC-107	Continuous Use Temp	-30°C to 150°C	/	Voltage Breakdown	>5KV	SSTM D149	RoHS Compliant	YES	SGS	REACH Compliant	YES	SGS	Flammability Rating	V-0	UL 94	A
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