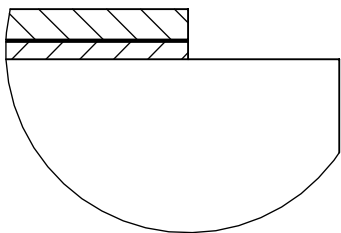


2			1		
REV	ECN	DESCRIPTION	DRAWN BY	DATE	APPR
A00	E292960	INITIAL RELEASE	CHRIS HENG	20251021	LIJUAN AWNG



DETAIL A
SCALE 1000 : 1

NOTES:

- SUBSTRATE MATERIAL IS ALN (170 W/mK).
THICKNESS DOES NOT INCLUDE METALLIZATION.
- METALLIZATION TO BE THIN FILM.
- METALLIZATION:
TOP-SIDE: Ti: 0.06±0.012um; Pt: 0.2±0.04um; Au: 2.0±0.12um
Pt 0.32±0.064um OR APPROVED EQUIVALENT
AuSn (Au=73±3wt%/4.0±0.8um) + Au FLASH 0.04um
TOP AND BOTTOM SIDES POLISH ROUGHNESS: Ra <0.05um
TOLERANCE: METAL TO EDGE : ± 0.03mm
METAL GAPS : ± 0.015mm
METAL WIDTH : ± 0.02mm
SUBSTRATE WIDTH/LENGTH : ± 0.03mm
GENERAL, UNSPECIFIED : ± 0.05mm
- BURRS: 0.05mm MAX.
- PART MUST BE RoHS COMPLIANT.
- PACKAGING: WAFFLE PACKS OR TAPE.
- ELEMENT ANALYSIS IS SUFFICIENT TO GUARANTEE THE PRESENCE OF METALLIZATION.
METALLIZATION THICKNESS MEASUREMENT NOT NEEDED.
- NO BLISTERING ON METALLIZATION AFTER TEST ON HOT PLATE AT 350 C 10C IN AIR.
- USE THE DXF DRAWING FOR ALL DIMENSIONS NOT CALLED OUT.
- FREEZE TIME FOR AuSn IS OVER 40S.



PART NUMBER		1624604	DRAWN		CHRIS HENG	DATE		20251021	<div>COHERENT</div> <div>SUBSTRATE,AL-N,CARRIER, 3.7X1.40X0.5,ANGLE P UP, SIPH,VS</div>			
MATERIAL		SEE NOTE	CHECKED		ALAN FENG	DATE		20251021				
FINISH		SEE NOTE	RESP ENG		NEO SI	DATE		20251021				
COHERENT CONFIDENTIAL			UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE: <div><div>X ± .1</div><div>XX ± .05</div><div>XXX ± .002</div><div>XXXX ± .004</div><div>ANGLES ± 1/2 DEG.</div></div>									
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THIRD ANGLE PROJECTION									B	1624604	A00	
			DO NOT SCALE DRAWING						SCALE 50:1		CAD FILE 1624604	SHEET 1 OF 1