



- NOTES:
- 1.0 MATERIAL:
 - 1.1 ALLOY - 42; THICKNESS 0.010 ± 0.005
 - 1.2 CHEMICAL COMPOSITION PER F-30
 - 1.3 TENSILE STRENGTH 90,000 TO 105,000 PSI
 - 1.4 ELONGATION 5% MINIMUM
 - 2.0 ALUMINUM STRIPE:
 - 2.1 THICKNESS 0.001 - 0.005
 - 2.2 A MINIMUM OF 0.125 FROM LEAD TIPS SHALL BE COVERED WITH CONTINUOUS ALUMINUM.
 - 2.3 ALUMINUM STRIPE, NOMINAL COMPOSITION WILL BE 99% MINIMUM ALUMINUM AND WILL BE SUITABLE FOR ULTRASONIC BONDING WITH ALUMINUM WIRES OF 99.97% PURITY.
 - 2.4 THE ALUMINUM STRIPE WILL BE METALLURGICALLY BONDED OR VAPOR DEPOSITED TO THE SUBSTRATE.
 - 2.5 NO BURRS OR PEELING SHALL BE VISIBLE WHEN VIEWED AT 10X MAGNIFICATION AFTER BAKE AT 535 ± 10°C IN AIR FOR 60 SECONDS.
 - 3.0 LEADS:
 - 3.1 LEADS SHALL WITHSTAND 3-90° BEND CYCLES WITH 226.8 GRAM (8.0Z) WEIGHT PER MIL STD-883 METHOD 2004 CONDITION B-2
 - 3.2 LEADS IN COINED AREA TO BE COPLANAR WITHIN 0.005 MAX AND 0.005 FOR ALL FRAMES
 - 3.3 MINIMUM SPACING BETWEEN LEAD TIPS 0.010
 - 3.4 THICKNESS OF LEAD IN COINED AREA TO BE 0.008 MINIMUM
 - 3.5 LEAD NUMBERS ARE FOR REFERENCE, NOT TO BE ON PARTS.
 - 4.0 BURRS:
 - 4.1 HORIZONTAL BURR
 - 4.1.1 0.002 MAX ON 0.035 DIA. HOLE
 - 4.1.2 0.004 IN REEL HOLE CORNER ONLY SIDE WALL LOW DIA PLUG
 - 4.1.3 0.005 MAX ON LEADS IN COINED AREA
 - 4.1.4 0.005 MAX ELSEWHERE
 - 4.2 VERTICAL BURR
 - 4.2.1 0.002 MAX ON LEADS IN COINED AREA
 - 4.2.2 0.002 MAX ELSEWHERE
 - 4.3 MARKS:
 - 4.3.1 NO TOOL MARKS OR INCLUSIONS IN COINED AREA
 - 4.3.2 ANY TOOL MARKS OR INCLUSIONS OUTSIDE COINED AREA 0.002 MAX IN DEPTH AND NO GREATER THAN 0.007 IN DIAMETERS.
 - 5.0 RADIO: 0.010 MAX EXCEPT AS NOTED.
 - 6.0 ORIENTATION:
 - 6.1 DATUM 'Y' IS DETERMINED WHEN 0.050 DIMENSION IS EXACT AND BY THE CENTER OF 0.035 DIA HOLE.
 - 6.2 DATUM 'X' IS DETERMINED BY THE CENTER OF 0.035 DIA HOLE AND THE DIMENSION 0.437 ± 0.002.
 - 7.0 TOLERANCE:
 - 7.1 ± 0.004 UNLESS OTHERWISE SPECIFIED.
 - 8.0 FRAMES SUPPLIED IN SINGULATED FORM
 - 8.1 MAX LIMITS OF SUPPORTED STRIP IF 12 UNSCURED PARTS
 - 8.1.1 80° MAX CONCAVE, PERMISSIBLE 0.080, 0.025 MAX CONVEX.
 - 8.1.2 CAMBER 0.150 MAX.
 - 8.1.3 TWIST 5° MAX.

FRAME No.	DESCRIPTION	CAVITY SIZE ±0.007	
		A	B
14RWF-1612	WIDE FINGER	0.120	0.160
14RWF-2614	WIDE FINGER	0.140	0.260

△	CHANGED TO CAD FORMAT			
○	ORIGINAL ISSUE			
REV. NO	DATE	Des'd By	Chk'd By	DESCRIPTION
MHT		CUSTOMER		TITLE
		Mitsui High-tec Inc.		14RWF-1612/2614
		CUSTOMER DWG NO		MITSUI DWG NO
		012-08D		REVNO A
		Des'd By		Chk'd By
		App'd By		Sheet 1 of 1