



- DESCRIPTION AND APPLICATION: MACHINED PART FOR USE IN PORTABLE COMMUNICATION EQUIPMENT.
- APPLICABLE DOCUMENTS:
  - 12I3933C02 MOTOROLA QUALIFICATION PROCEDURE for Formed Metal Parts
  - 12M80967A78 MOTOROLA VENDOR MATERIAL QUALITY CONTROL
  - 12SI0601A MOTOROLA PACKAGING RULES FOR VENDORS
  - 12S22968 MOTOROLA MARKING STANDARD
  - 12G13933A01 MOTOROLA RECEIVING BAR CODE SPECIFICATION
  - ASME Y14.15M-1994 DIMENSIONING AND TOLERANCING FOR ENGRG DWGS.
  - 7-04-00-07 MCIL 1st ARTICLE APROVAL PROCEDURE ASTM D-1238.
  - 12M80957B70 MOTOROLA RECYCLE REMARK.
  - 12G02897W18 REV K, APDX C, SCTN, 2 MOTOROLA CONTROLLED AND REPORTABLE MATERIALS DISCLOSURE.
  - 12M09176A72 MOTOROLA DECORATED SURFACE RELIABILITY REQUIREMENT.
  - DIN 912 SPECIFICATIONS STANDARD

- REQUIREMENTS:
  - GENERAL:
    - PARTS SHALL BE CLEAN AND FREE OF ALL FOREIGN MATTER.
    - DIMENSIONING AND TOLERANCING PER ANSI Y14.5.
    - DIMENSIONS MARKED [X] ARE CRITICAL CHARACTERISTICS AND REQUIRE S.P.C. REPORT PER MOTOROLA SPEC. 12M80967A78.
    - PACKAGING FOR SHIPMENT: PER 12SI0601A.
  - MATERIALS:
    - A. MATERIAL: STAINLESS STEEL SS302 PER UNS S30200 **T2 C D E**
    - B. FINISH: PASSIVATED
    - C. APPLY SOFT ZYTEL OR EQUIVALENT NYLON PATCH ON 90° SEGMENT OF TOTAL CIRCUMFERENCE
  - PART MUST COMPLY WITH ALL REQUIREMENTS OF 12M07897W18 REV H, APPENDIX C
- MECHANICAL (UNLESS OTHERWISE SPECIFIED):
  - MARKING PER 12S22968.
- VENDOR WILL PROVIDE FOR 1st ARTICLE INSPECTION:
  - 5 IDENTIFIED ITEMS.
  - MATERIALS COC.
  - FULL DIMENSION INSPECTION REPORT INCLUDING Cp AND Cpk CALCULATION FOR [X] DIMENSIONS.

- VENDOR QUALITY ASSURANCE PROVISIONS: PER 12M80967A78 AND 12M05022A42.
- EXCEPTIONS: NO CHANGE SHALL BE ALLOWED ON PRODUCTION MATERIAL, REGARDLESS OF WHETHER SUCH CHANGE AFFECTS REQUIREMENTS SPECIFIED, WITHOUT PRIOR EXPLICIT WRITTEN APPROVAL BY MOTOROLA PHYSICAL DESIGN AND PURCHASING DEPARTMENTS.

REV	DESCRIPTION	MEMO
T1	RELEASED FOR SPEC E. HERZOG	14 MAY 2006
T2	MATERIAL CHANGED E. HERZOG	16 MAY 2006
A	FIRST RELEASE E. HERZOG R031398	13 JUN 2006
B	GEOMETRICAL DETAILS DEFINITION ADDED E.HERZOG, ECN:C171580	12 DEC 2006
C	UPDATE NOTES & RECESS DEPTH C263485 Boaz ST.	4 Nov 2007
D	UPDATED NOTE 3.2.1. ECN: C298379 APP: BOAZ SIMAN-TOV	01 MAY 2008
E	UPDATED NOTE 3.2.1. DELETED NOTE 3.3.2. DIM: 1 MIN WAS 2 MIN. ECN: C299592 APP: BOAZ SIMAN-TOV	21 AUG 2008

DATA BASE:		DESCRIPTION				CAT. NO.			
COMPUTER GENERATED DRAWING DO NOT REVISE MANUALLY.	TOLERANCES: GENERAL: ±0.2mm HOLES: ANGLES: THREADS:	PLATING: SEE NOTES	MATERIAL: SEE NOTE 3.2.1.A	<b>SCREW , M2x6 WITH PATCH CB24</b>					
DO NOT SCALE	GRAPHICS: NON	PAINTING: NON	FINISH: SEE NOTE 3.2.1.B						
				DESIGNED	E.HERZOG	15-May-06	CHECKED	E.HERZOG	15-May-06
				DRAWN	E.HERZOG	15-May-06	APPROVED	A.ROTMAN	15-May-06
				SCALE	10.0	SHEET	1 OF 1	<b>03B71046Y07</b>	
								REV	<b>E</b>