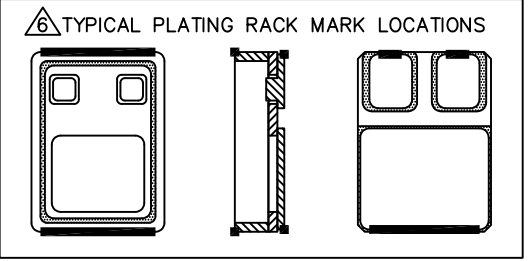
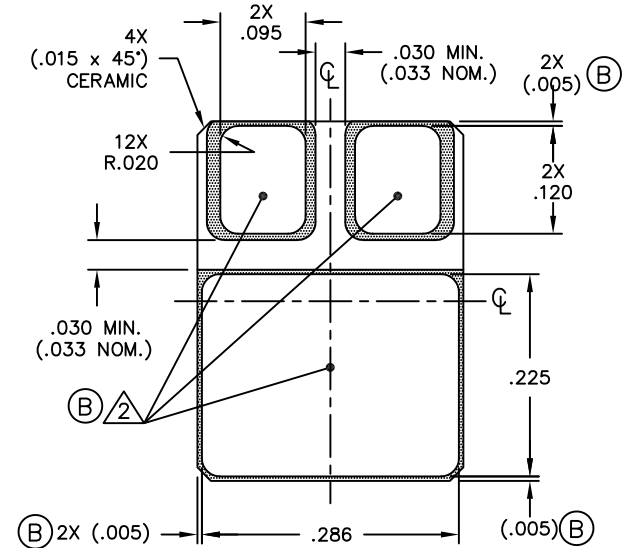
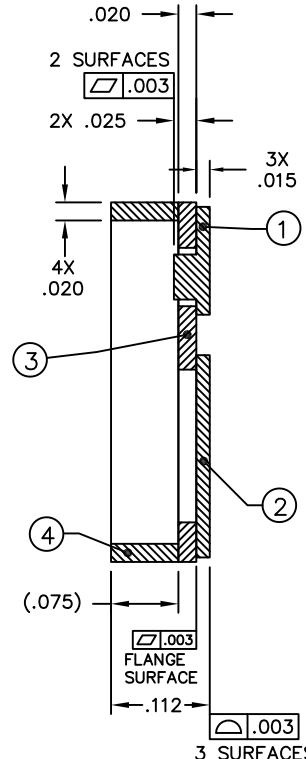
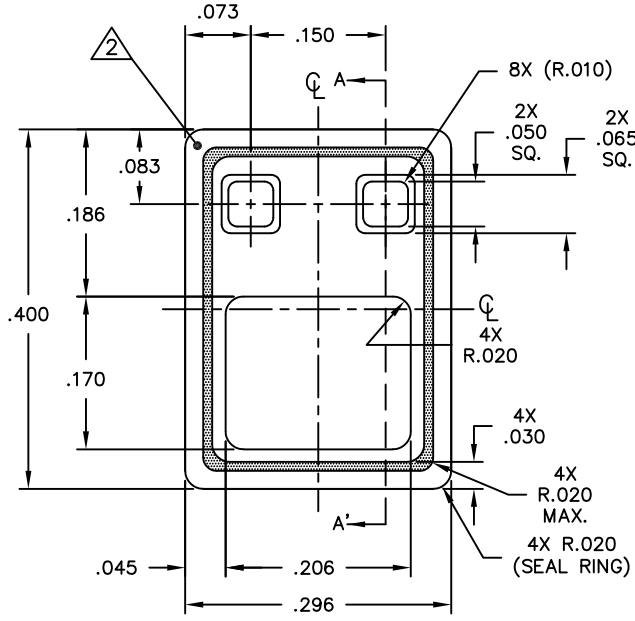


SSM P/N SMD050001

4 | A2323/A2693/A2736/A2764

RELEASED 10-27-17

NO.	REVISIONS	BY/DATE	APP. BY
B	CHANGED PLATING THICKNESS MEASUREMENT LOC., (.005) WAS .005 PER ECN M102626.	J.S. 11-23-15	E.S. 12-04-15
C	100-600 μ Ni WAS 100-350 μ PER ECN M103237.	J.S. 04-11-16	S.H. 05-06-16
D	ADDED NOTE 6 AND RACK MARK LOCATIONS PER ECN M105655.	J.S. 05-25-17	E.S. 10-26-17



- NOTES:**
- METALLIZATION/PLATING: REFRACTORY METAL + ELECTROLYTIC Ni (100-600 μ) + Au (50-150 μ). GAP BETWEEN WCu PEDESTAL AND CERAMIC EXCLUDED FROM PLATING SPEC.
 - MEASURE PLATING THICKNESS AT THESE 4 APPROXIMATE LOCATIONS USING XRF EQUIPMENT.
 - SEAL RING TO BE ELECTRICALLY ISOLATED FROM BONDING PADS.
 - HERMETICITY: LEAKAGE NOT TO EXCEED 1.0×10^{-9} atm CC/SEC He.
 - PLATING MUST WITHSTAND 420°C IN REDUCING ATMOSPHERE FOR 2 MINUTES WITHOUT BLISTERING OR FLAKING. DISCOLORATION ALLOWED PROVIDED THAT SURFACE DOES NOT IMPEDE SOLDERING OR WIRE BONDING.
- PLATING RACK MARKS ARE BY DESIGN AND ALLOWED.

ITEM	DESCRIPTION	MATERIAL	REQ'D.	DRAWING NO.
4	SEAL RING	KOVAR (ASTM F-15)	1	15592
3	MEP CERAMIC	Al ₂ O ₃ 90% NOM.	1	15580-MEP
2	FLANGE	85W/15Cu	1	15393
1	FLANGE	85W/15Cu	2	15392

BILL OF MATERIALS

P001	AS SHOWN
PART NO.	DESCRIPTION

TOLERANCE UNLESS SPECIFIED JX ± .01 JXX ± .005 JXXX ± .002 ANGLES ± 5°	DRAWN BY J.SERNA DATE 07-24-15 CHECKED BY C.NISWANDER DATE 07-24-15 APPROVED BY S.HIRA DATE 07-27-15	 COMPANY CONFIDENTIAL SAN DIEGO PLANT KYOCERA AMERICA INC. 8811 BALBOA AVENUE SAN DIEGO, CA 92123-1580	NAME FINAL ASSEMBLY MATERIAL NOTED PROJECT SMD-0.5 DWG. NO. SD-570-A2829 DIR. N: SHEET 1 OF 1
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