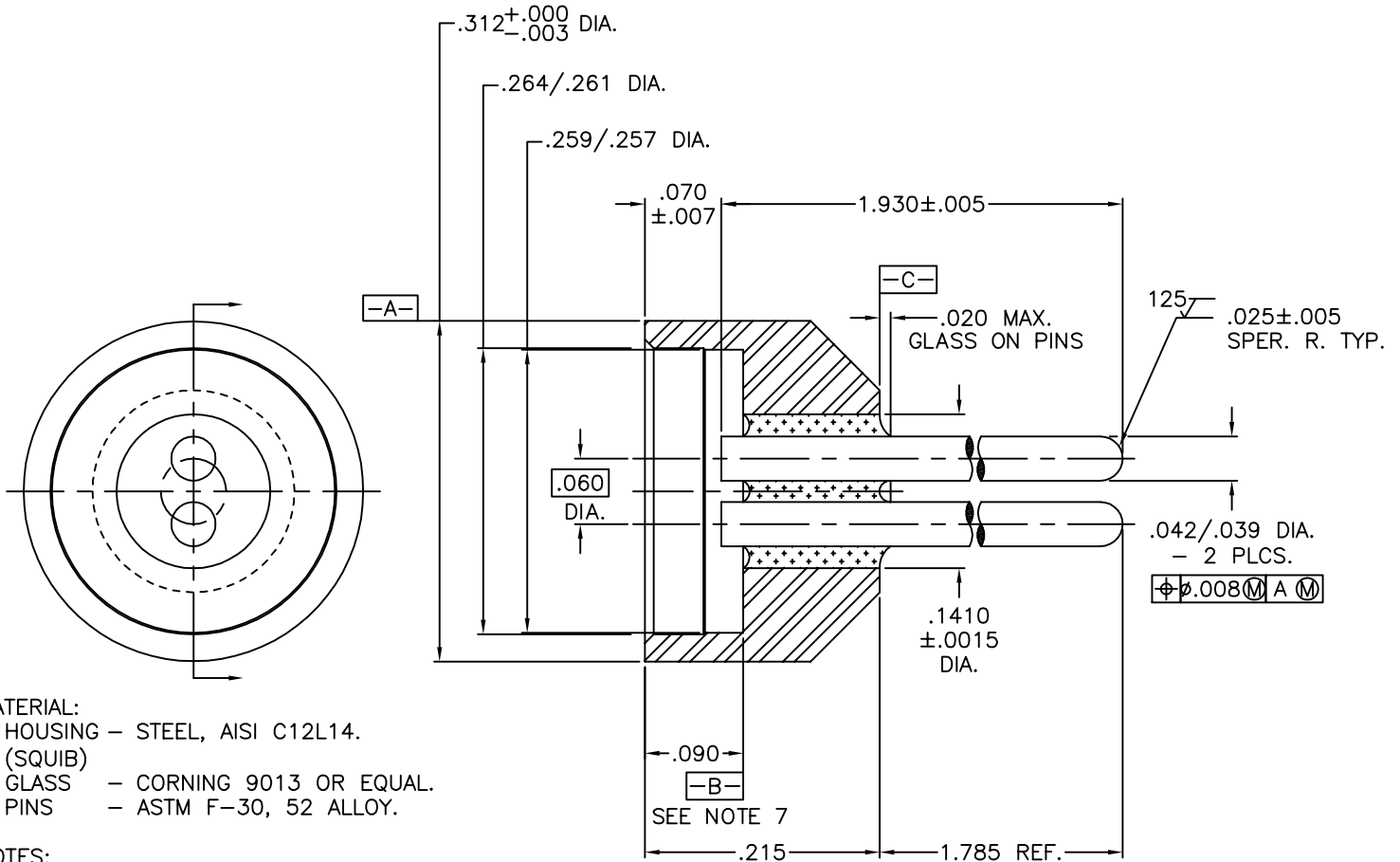



REV	DESCRIPTION OF REVISION	E.C.N.	BY	APPROVED	DATE
A	ADDED 1.785 REF. DIM.		T.J.M.		12-16-97
B	HOUSING WAS STEEL, AISI C1215		E.T.W.	J.R.	04-12-00
C	UPDATED MATERIAL AND NOTES, CHANGE PLATING FROM 100-550		E.C.	E.T.W.	09-12-14



MATERIAL:
 HOUSING - STEEL, AISI C12L14.
 (SQUIB)
 GLASS - CORNING 9013 OR EQUAL.
 PINS - ASTM F-30, 52 ALLOY.

- NOTES:
- GLASS TO METAL SEAL TO BE ABLE TO WITHSTAND A PRESSURE OF 2000±200 P.S.I. APPLIED TO INSIDE OF PLUG FOR 6 SECONDS MIN. AFTER THE FOLLOWING:
 - BEND PINS 90° ON A CENTERLINE RADIUS OF .060, BEND BEGINNING WITHIN .010 OF SURFACE -C-.
 - THERE SHALL BE NO STRESS CRACKS IN THE PINS AFTER THE ABOVE.
 - RE-BEND PINS 180° FROM BENT POSITION (PINS MAY FAIL DURING RE-BENDING).
 - MIL-A-2550 APPLIES.
 - NICKEL PLATE IN ACCORDANCE WITH FED. SPEC. QQ-N-290, CLASS 2, 150-550 MICROINCHES (INCLUDING PREPLATE) FOLLOWED BY GOLD PLATE IN ACCORDANCE WITH MIL-G-45204B, TYPE II, GRADE B, CLASS 1, 50-100 MICROINCHES THICK.
 - DIMENSIONS, TOLERANCE, AND SURFACE HEIGHT RATINGS APPLY AFTER PLATING.
 - INSULATION RESISTANCE 1000 MEGOHMS MIN. AT 500 VDC.
 - SEE COMPONENT DRAWINGS FOR SPECIFIC CONFIGURATION DETAILS.
 - GLASS NOT TO EXTEND BEYOND SURFACE -B-.

DRAWN BY: TINA MOSS 10-21-97	MATERIAL: SEE ABOVE			TOLERANCING PER ANSI Y14.5 .X ±.003 .XXX ±.003 .XX ±.003 ANG ±5° UNLESS OTHERWISE SPECIFIED		 Legacy Technologies Inc. 6700 W. 47th TERR. MISSION, KS. 66203 TEL: 913-432-2487 FAX: 913-432-0570
	CHECKED BY:	APP. SPECS	SUPERSEDES	NEXT ASSY	SCALE: 6:1	
APPROVED BY: J.R. 04-04-00	TITLE: FEED THRU HEADER				PART NUMBER: FT-3102-A	C
FILE: EA00033					PAGE	1 of 1