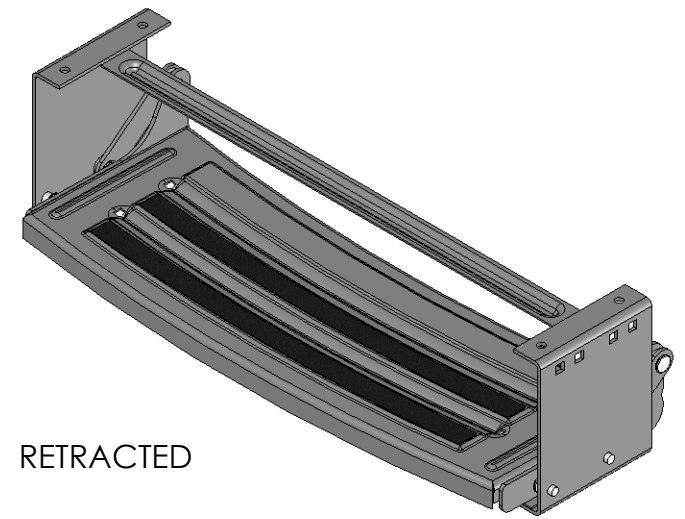


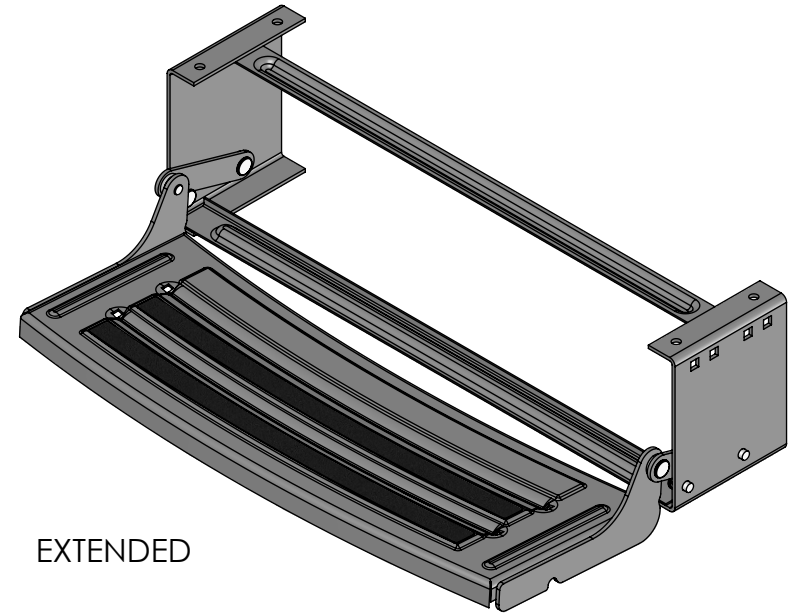
NOTES:

- STEPS MUST OPEN WITH MINIMAL EFFORT
(TORQUE RESISTANCE SHOULD BE MINIMAL AT PIVOT POINTS)
MAXIMUM OPEN FORCE (LBF) REQUIREMNT:
BOTTOM TREAD - 10 LBS
 - ASSEMBLY MUST BE FREE OF SCRATCHES & DENTS
 - TREAD TO BE $2^\circ \pm 1^\circ$
 - TREADS TO MEET 200 MM MIN. PROTRUSION PER CSA 3.2
 - MAXIMUM ALLOWABLE TIMING GAP FROM SIDE TO SIDE IS 1.2 MM
 - LOAD RATING: 300 LBS
 - CYCLE TEST
20,000 CYCLES MINIMUM (400 LB LOAD ON EACH TREAD, UP AND DOWN THE STEP = 1 CYCLE)
LOAD APPLIED FOR 0.8 SEC, DWELL TIME OF 1.0 SEC BETWEEN LOADING WITHIN CYCLE
STEP MUST RETAIN FUNCTIONALITY AFTER TEST, INCLUDING ABILITY TO OPEN/CLOSE
- LOAD TESTING
PROVIDE 4-STAGE POINT LOADING (SIMULATED FOOTPRINT) AT MIDDLE OF BOTTOM TREAD
FOUR STAGES ARE AS FOLLOWS: 300 LB/600 LB/900 LB/ULTIMATE FAILURE
STEP IS TO REMAIN FUNCTIONAL THROUGH 1ST 3 STAGES OF TESTING
STEP IS TO REMAIN IN TACT AFTER ULTIMATE FAILURE (CAN HAVE SIGNIFICANT DEFORMATION)
PERMANENT DEFLECTION IS TO BE MEASURED FROM BOTH BOTTOM FRONT TREAD CORNERS
(AFTER LOAD REMOVAL) FOR EACH STAGE IS AS FOLLOWS:
300 LB 0.0625 IN
600 LB 0.1875 IN
900 LB 0.3750 IN

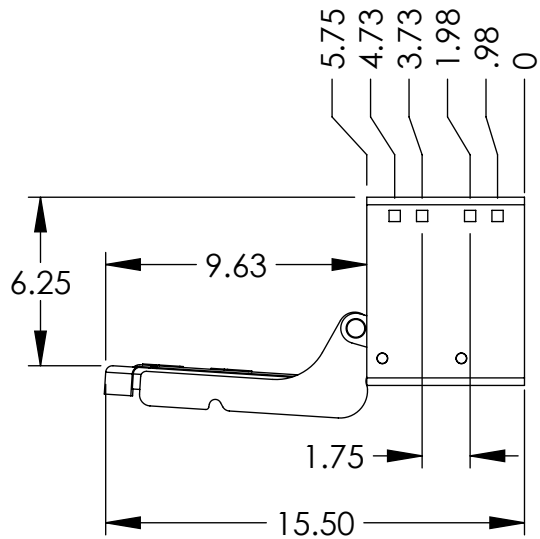
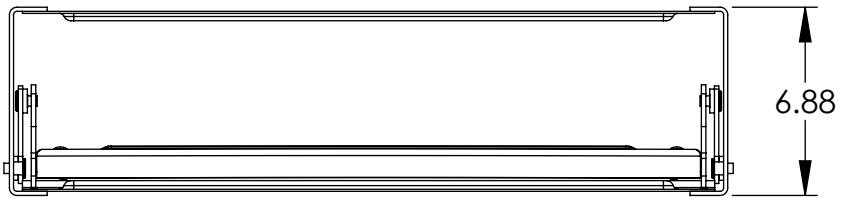
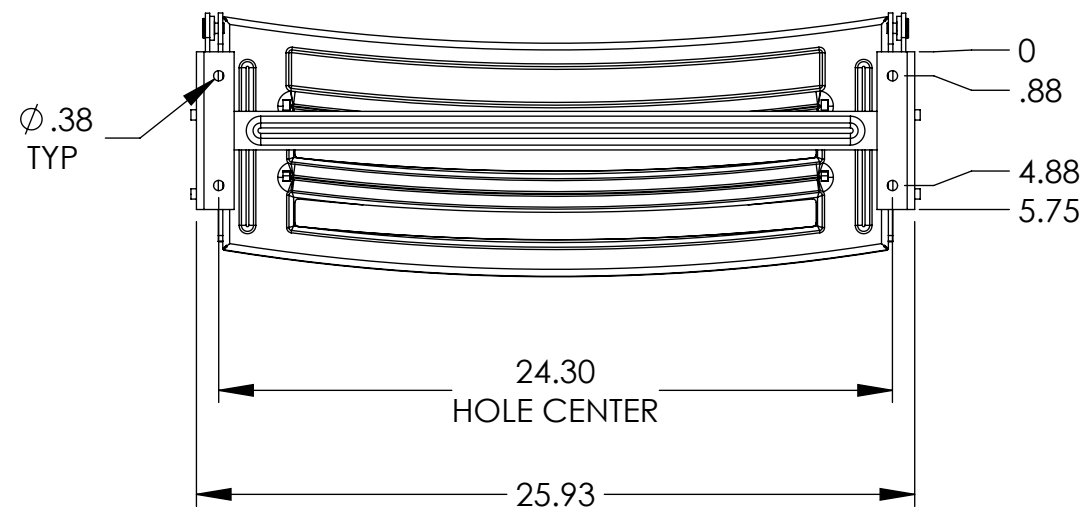
REVISION HISTORY					
REV	DATE	DESCRIPTION	CA	DWR	APVD
E	4/22/2011	CHANGED SQUARE HOLE LOCATIONS; CONVERTED ASSY TO PART; REMOVED BOM		DAL	EGR
F	1/19/2015	UPDATE DESCRIPTION	ECN-SP-DE-13940	RAW	RW
G	11/21/2016	ADDED DECAL NOTE	CA-0054818	RAW	JW
H	10/11/2017	UPD: NOTE, DIMS, DESCRIPTION; CHANGED FROM PART TO ASSEMBLY	CA-0091548	DSB	TC



RETRACTED



EXTENDED



TITLE: STEP SGL 24.59 STL RAD 6.25 9.63 MAN TAPE

UNLESS OTHERWISE SPECIFIED 1. ALL DIMENSIONS ARE IN INCHES 2. BREAK SHARP EDGES & DEBURR 3. MATERIAL & FINISH TO BE AS NOTED OR SUBSTITUTED WITH AN APPROVED AND TESTED EQUIVALENT		TOLERANCES (EXCEPT AS NOTED)		THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF LIPPERT COMPONENTS, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF LIPPERT COMPONENTS, INC. IS PROHIBITED.	
DECIMAL .X ±.1 .XX ±.03 .XXX ±.015		FRACTIONAL ±1/16		DWG. NO. 177438	DATE: 1/12/2011
ANGULAR ±1°		FINISH ✓		SIZE B	REV. H
FILLETS R.015		THIRD ANGLE PROJECTION		DRAWN BY JMM	CHECKED BY JMM
REFERENCE NUMBER:		APPROVED BY		SHEET 1	OF 1

MATERIAL TYPE:	
SURFACE QUALITY:	
DECIMAL:	
FINISH GOOD WEIGHT:	14.555
BLANK WEIGHT:	
BLANK SIZE:	X

