

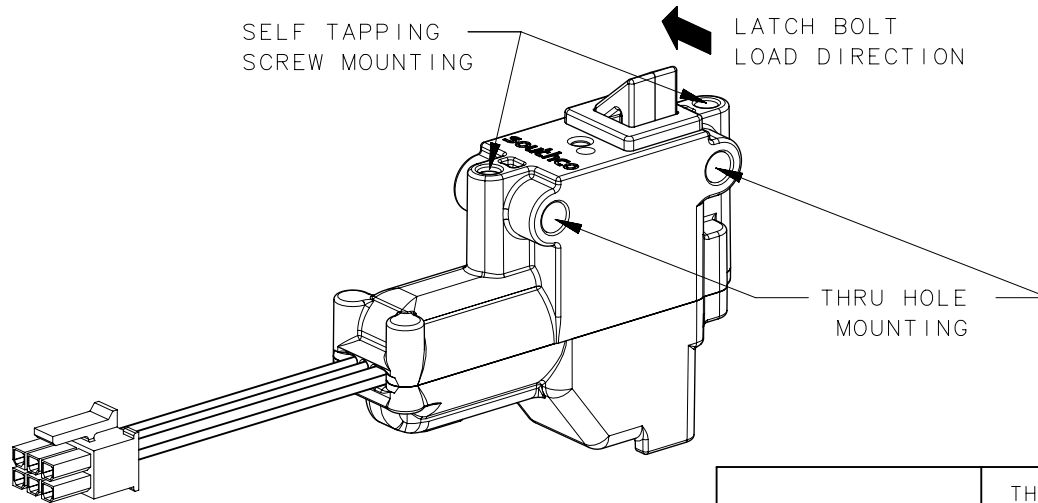
REVISION HISTORY			
REV	DATE	BY	DESCRIPTION
D	08JUL2019	ZAA/ZAM	PRN: P2019-1715

### SOUTHCO PERFORMANCE GUIDELINES

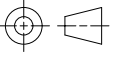

THE PERFORMANCE GUIDELINES SHOWN ON THIS PAGE ARE SUPLIED AS A GENERAL GUIDE ONLY AS CONDITIONS VARY WITH EACH APPLICATION AND METHOD OF INSTALLATION. STRENGTH DATA GIVEN IS FOR FAILURE OF THE PRODUCT OF FOR SUFFICIENT DEFORMATION TO MAKE THE PRODUCT INOPERABLE. NO SAFETY FACTOR HAS BEEN APPLIED. IT IS RECOMMENDED THAT THE USER REQUEST A PRODUCT SAMPLE FOR TESTING TO DETERMINE THE SUITABILITY OF THE PRODUCT FOR THE PURPOSE INTENDED AND USER'S PARTICULAR APPLICATION

SEE J-EM-05-42-2401 FOR LATCH DIMENSIONS AND ELECTRICAL PERFORMANCE INFORMATION.

1. TESTING PERFORMED USING PART NUMBER EM-05-42-2401.
2. CYCLE LIFE: 50,000 CYCLES WITH 17 N LATCH BOLT LOAD AT 0-60°C.
3. ULTIMATE STALL LOAD: 60 N.
4. STATIC LATCH BOLT LOAD WITH NO PERMANENT LATCH DAMAGE: 500 N.
5. AVERAGE ULTIMATE LATCH BOLT LOAD (LATCH FAILURE AND RELEASE): 600 N.
6. MAX TORQUE FOR SELF TAPPING MOUNTING SCREWS: 0.2 Nm.
7. MAX TORQUE FOR THRU HOLE MOUNTING SCREWS: 1.0 Nm.



REF: trEM-37820  
REF: trEM-32976

		THIRD ANGLE PROJECTION				 CONNECT • CREATE • INNOVATE		
		MILLIMETERS [IN]						
SURFACE AREA		mm <sup>2</sup>	TOLERANCES UNLESS OTHERWISE NOTED			DESCRIPTION		
VOLUME		mm <sup>3</sup>	UP TO 0.5	±0.05	EM-05 4 SERIES			
			OVER 0.5 UP TO 6	±0.1	ELECTRONIC SLIDE BOLT			
			OVER 6 UP TO 30	±0.2	SIZE	SYSTEM	DWG NO.	
PROPRIETARY ITEM			OVER 30	±0.3	A4	NX	TD-EM-05-42-2401-J	
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			PER ASME Y14.5M-1994		IR/		10AUG2017	DNS
								SHEET 1 OF 1