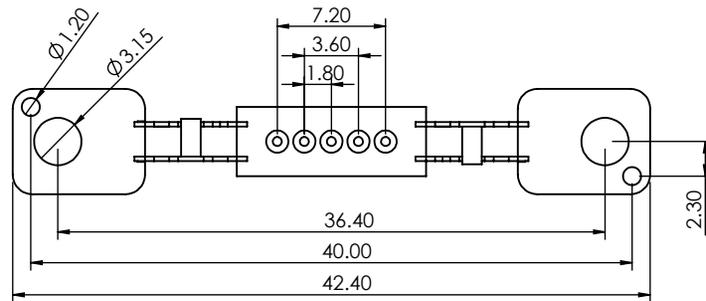
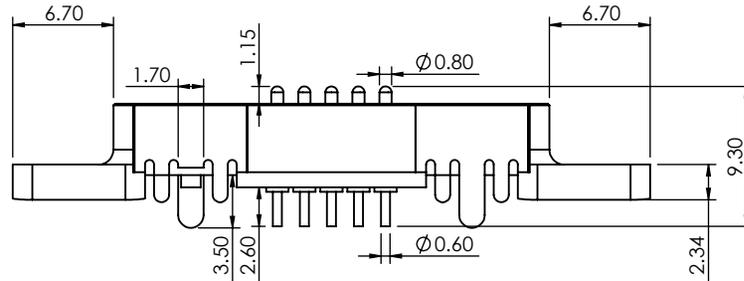
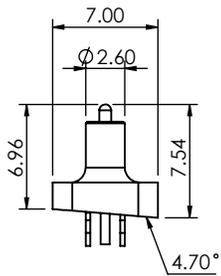
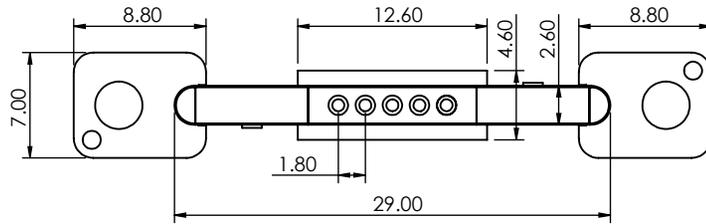


TOLERANCE UNLESS OTHERWISE SPECIFIED	
.X	±0.15

THIS IS A C.A.D. GENERATED DRAWING  
DO NOT MAKE MANUAL REVISIONS TO MASTER.



ISSUE NUMBER	
ORIGINAL	①
ADD NOTE 6 & 7	
P.M.	AUG. 13/2023 ②



**SPECIFICATION:**

- 1- MATERIAL:  
CONTACT: BRASS GOLD FLASH PLATING ALL OVER NICKEL UNDERPLATING  
SPRING: SUS 304  
HOUSING : HTN OPERATING TEMPERATURE 265°  
COVER: SUS 201
- 2- ELECTRICAL:  
RATED VOLTAGE (PER CONTACT): 12  
RATED CURRENT (PER CONTACT): 1.5A  
INSULATION RESISTANCE: 100MEGAOHMS MINIMUM  
DIELECTRIC WITHSTANDING VOLTAGE: 100V AT 60Hz  
CONTACT RESISTANCE: 30mOHMS MAXIMUM BEFORE TEST AND  
60mOHMS MAXIMUM AFTER TEST AT POGO PIN WORKING STROKE
- 3- RECOMMENDED WORKING STROKE & FORCE: STROKE: 1.1MM (PER CONTACT); 80±20gf
- 4- MECHANICAL LIFE: 0.4MM (MECHANICAL LIFE): 20,000 CYCLES MIN.
- 5- WORKING TEMPERATURE RANGE: -30°C~+85°C
- 6- RECOMMENDED SOLDERING PROCESS ARE SELECTIVE SOLDERING OR MANUAL SOLDERING. OTHER FORMS OF SOLDERING SUCH AS WAVE SOLDER OR REFLOW SOLDER ARE NOT RECOMMENDED AND CAN POTENTIALLY CAUSE DEMAGNETIZATION OF MAGNET IN THE CONNECTOR
- 7- MATING WITH: 686F05C4310123Q



THIS SERIES FULLY CONFORMS TO  
THE EUROPEAN UNION DIRECTIVES  
2011/65/EU FOR RoHS COMPLIANCY.



YOUR CONNECTION TO QUALITY & SERVICE

EDAC INC  
TORONTO, ONTARIO  
CANADA

THESE DRAWINGS AND SPECIFICATIONS  
ARE THE PROPERTY OF EDAC INC., AND  
SHALL NOT BE REPRODUCED, OR COPIED  
OR USED AS THE BASIS FOR THE  
MANUFACTURE OR SALE OF APPARATUS  
WITHOUT WRITTEN PERMISSION.

<b>MAGNETIC SPRING LOADED CONNECTOR, 5POS, MALE</b>	ACAD REFERENCE NO.: 685F05C4211113Q	UNIT: MM
	DRAWN: J.L.	DATE: 8/13/2023
	CHECKED: R.S.M	DATE: 8/13/2023
	SCALE: (IN CAD 1:1)	SHEET 1 OF 1
	DRAWING NUMBER: 685F05C4211113Q	ISSUE
	PART NUMBER: 685F05C4211113Q	2