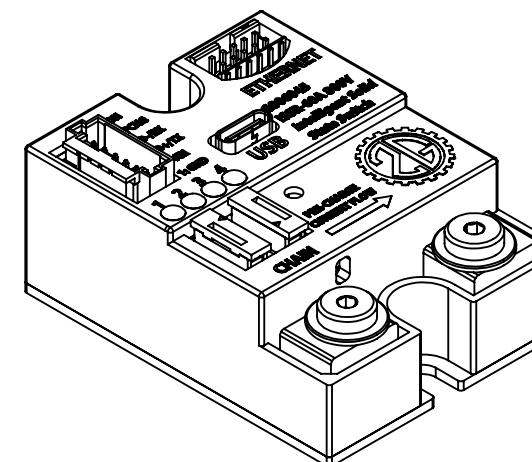


INTELLIGENT SOLID STATE RELAY

- PBOF OPERATION
- 6000M DEPTH RATED
- BUILT-IN SOFT START
 - SWITCHABLE 50mA CONSTANT-CURRENT BYPASS CIRCUIT TO PRE-CHARGE LOAD CAPACITANCE
- INPUT-OUTPUT ISOLATION: 1000V MINIMUM
- SWITCHED VOLTAGE: 800V NOMINAL, 1000V PEAK
- UNIT TRIGGER/OPERATING VOLTAGE: 5-36V DC NOMINAL
- ETHERNET
- RS232
- RS485
- CAN BUS
- MULTIPLE UNITS CAN BE DAISY-CHAINED OFF OF A SINGLE POWER/CONTROL CONNECTION

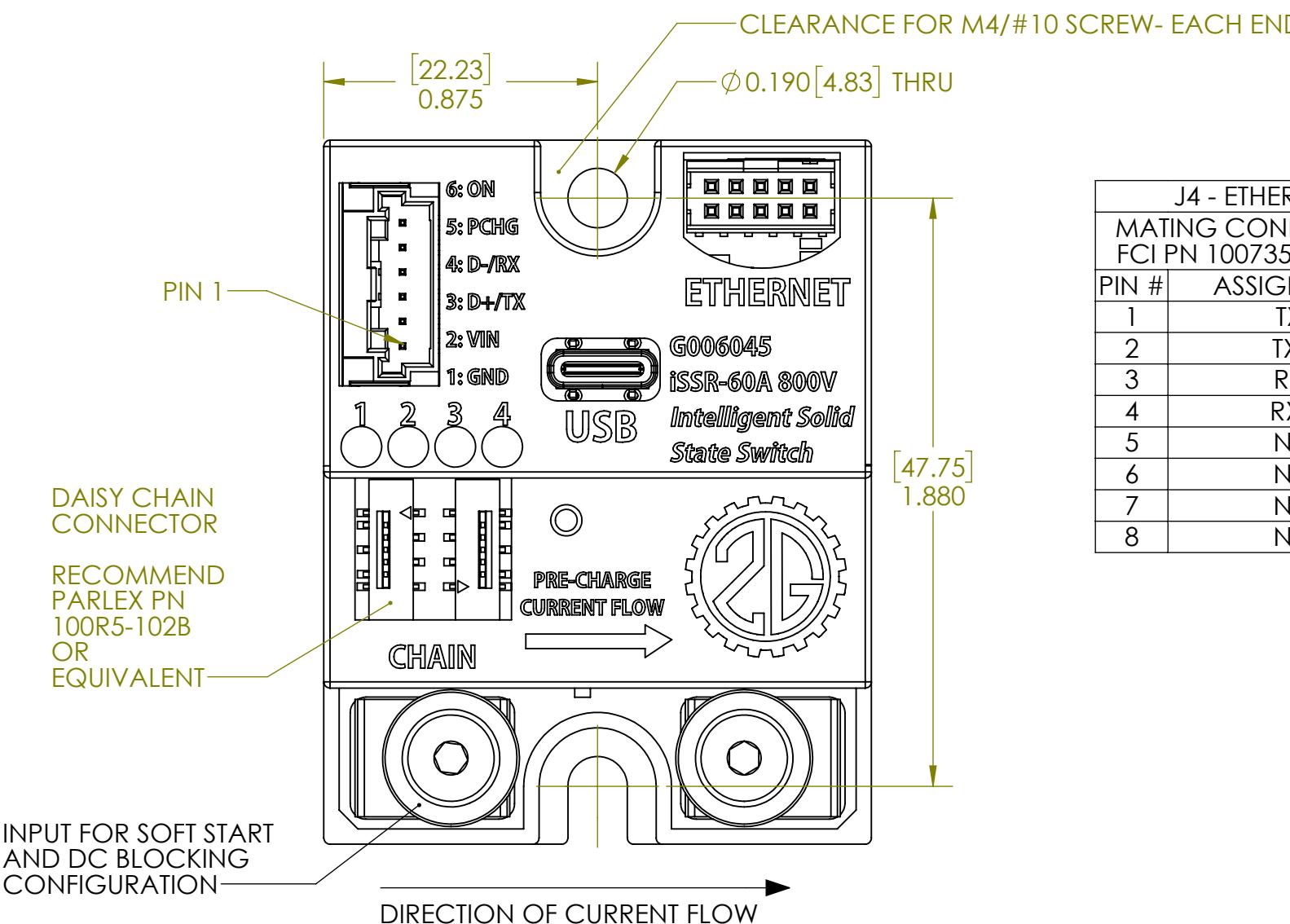
SEE 2G DOCUMENT NUMBER 2240070 FOR FULL SPECIFICATIONS



MATERIAL:	UNLESS OTHERWISE SPECIFIED: - DIMENSIONS ARE IN INCHES - DIMENSIONS IN [] ARE IN mm - TOLERANCES: DECIMALS: .X ±.05 .XX ±.015 .XXX ±.005			INITIALS	DATE
				DRAWN	ALV 10/25/2024
				APPROVED	ALV 10/25/2024
MATERIAL COMMENTS:	PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF 2G ENGINEERING. ANY DISTRIBUTION OR REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF 2G ENGINEERING IS PROHIBITED.				
FINISH:	- THREAD DEPTHS ON TAPPED HOLES ARE MINIMUMS - TAP DRILL DIAMETERS ARE REFERENCE - MAX FILLET RADIUS ON INSIDE SHARP CORNERS: 0.005 - BREAK ALL SHARP EDGES 0.010 MAX AND REMOVE BURRS - SURFACE FINISH: ≤63 Ra (µin)				
SIZE	THIRD ANGLE PROJECTION	DWG. NO.	2G ENGINEERING WWW.2G-ENG.COM 608-825-4799		
B		G006045	TITLE: INTELLIGENT SOLID STATE RELAY-iSSR PN G006045- AC BLOCKNG, 60A		
			REV.	A	
			SCALE:	2:1	SHEET 1 OF 2

D

D



J4 - ETHERNET	
MATING CONNECTOR: FCI PN 10073599-010LF	
PIN #	ASSIGNMENT
1	TX-
2	TX+
3	RX-
4	RX+
5	NC
6	NC
7	NC
8	NC

J5 - MAIN COMMS CONNECTOR	
MATING CONNECTOR: MOLEX PN 5023510600	
PIN #	ASSIGNMENT
1	GND
2	VIN
3	TX/D+/CAN_H
4	RX/D-/CAN_L
5	SOFT START TRIGGER SWITCH
6	MAIN SWITCH TRIGGER INPUT

J6 - USB-C

MATERIAL:	UNLESS OTHERWISE SPECIFIED: - DIMENSIONS ARE IN INCHES - DIMENSIONS IN [] ARE IN mm - TOLERANCES: DECIMALS: .X ±.05 .XX ±.015 .XXX ±.005 ANGULAR: MACHINED: ±0.5° OTHER: ±2° - THREAD DEPTHS ON TAPPED HOLES ARE MINIMUMS - TAP DRILL DIAMETERS ARE REFERENCE - MAX FILLET RADIUS ON INSIDE SHARP CORNERS: 0.005 - BREAK ALL SHARP EDGES 0.010 MAX - SURFACE FINISH: ≤63 Ra (µin)	INITIALS	DATE	 2G ENGINEERING WWW.2G-ENG.COM 608-825-4799	
MATERIAL COMMENTS:		DRAWN	ALV 10/25/2024		
FINISH:	APPROVED	ALV	10/25/2024	PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF 2G ENGINEERING. ANY DISTRIBUTION OR REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF 2G ENGINEERING IS PROHIBITED.	
SIZE	THIRD ANGLE	PROJECTION		DWG. NO.	G006045
				INTERPRET GEOMETRIC DIMENSIONING & TOLERANCING PER ASME Y14.5-2009	SCALE: 1:1
					SHEET 2 OF 2