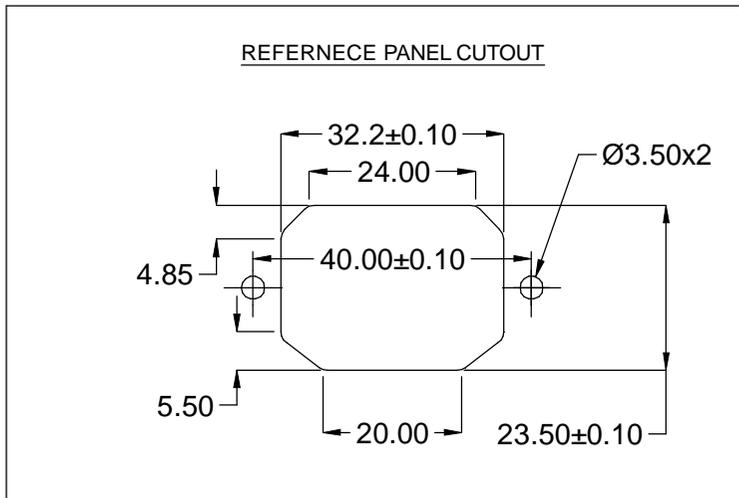


**NOTES :**

- 1] MATERIAL- INSULATOR : GLASS-FILLED NYLON UL 94V-0  
CONTACT PINS: PRECISION MACHINED COPPER ALLOY WITH NICKEL PLATED OVER COPPER
- 2] ELECTRICAL CHARACTERISTICS  
CONTACT CURRENT RATING : SIGNAL CONTACT: 3 AMP NOMINAL,  
POWER CONTACT: WITH - 4.0 SQ.MM CABLE- 30 AMP  
- 6.0 SQ.MM CABLE - 40 AMP  
INSULATOR RESISTANCE: 5 G OHMS  
INITIAL CONTACT RESISTANCE : 0.005 OHM MAXIMUM  
PROOF VOLTAGE: SIZE20 CONTACTS:1000 V r.m.s  
POWER CONTACTS:1500V r.m.s.  
WORKING VOLTAGE: SIGNAL CONTACT:250V, POWER CONTACT:500V
- 3] MECHANICAL CHARACTERISTICS  
POLARIZATION: PROVIDED BY INSULATOR.  
MATING CYCLES: 500 MATING CYCLES.  
CONTACT RETENTION IN INSULATOR :  
SIGNAL CONTACTS: 27N  
POWER CONTACTS: 65N
- 3] CLIMATIC CHARACTERISTICS:  
WORKING TEMP: -45DEG.C.TO +105 DEG.C.
- 4] ALL DIMENSIONS ARE IN MM



UNLESS OTHERWISE SPECIFIED:		NAME	DATE	<b>INTEGRAL CABLE AND INTERCONNECT LLP</b>		
DIMENSIONS ARE IN INCHES		DRAWN	AS		TITLE:  6W2 BATTERY COMBO CONNECTOR	
TOLERANCES		CHECKED	ATK			
FRACTIONAL ±0.40		ENG APPR.	KS			
ANGULAR: MACH ± BEND ±		MFG APPR.				
TWO PLACE DECIMAL ±		Q.A.				
THREE PLACE DECIMAL ±						
MATERIAL				SIZE	PART NO.	REV
FINISH				A4	PS6W2S00	
DO NOT SCALE DRAWING				SCALE: NTS	WEIGHT:	SHEET 1 OF 1

ECN NO.	DESCRIPTION	SIGN	DATE	REV.	PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF INTEGRAL CABLE AND INTERCONNECT LLP. REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF ICIL IS PROHIBITED.
	NEW DRAWING	AS	15SEPT20		