



NOTES:

- HOUSING MATERIAL: THERMOPLASTIC POLYESTER UL94V-0 BALCK; TERMINAL MATERIAL: COPPER ALLOY
- FINISHED: GOLD PATING IN CONTACT AREA. TIN PLATING IN SOLDER AREA,NICKEL UNDERPLATING OVER ALL.
- CONNECTOR MARKED WITH PART NUMBER AND DATE CODE.
- VOLTAGE: POWER CONTACT: 250 VOLTS
- CURRENT: POWER CONTACT:40A,PER MATED CONTACT, POWER CONTACT CURRENT INTERRUPTION:40A AT 50V PER MATED CONTACT(WHEN MATED WITH CUSTOMER SUPPLIED METAL BLADE OR BUS BAR). SINGAL CONTACT: 3A PER MATED CONTACT FOR UL.
- INSULATION RESISTANCE: 5000 MEGOHMS AT APPLY 500 VDC BETWEEN ADJACENT TERMINALS OR GROUND.
- TEPERRATURE OPERATING:-40°C TO +105°C
- PCB THICKNESS: 2.36MM MIN

RECOMMENDED EDGE CARD LAYOUT
 EDGE CARD THICKNESS : 1.57±0.15mm
 TOLERANCE:±0.05
 Au PLATE THICKNESS: 0.000762 MIN.

38	POWER	SIGNAL	SIGNAL	SIGNAL	
POS.	SEGMENT 1	SEGMENT 2	SEGMENT 3	SEGMENT 4	NOTES

UNITS ■ mm □ INCH		NAME: POWER EDGE CONNECTOR(34P),POWER &SIGNAL MIXED VERTICAL PRESS-FIT		NEXTRON® NEXTRONICS ENGINEERING CORP.	
GENERAL TOLERANCES: (UNLESS SPECIFIED)		PART NO: R-815F1B32M3420		TITLE: CUSTOMER DWG.	
	mm	INCH			
4 PLACE	±***	±.***	APPD: Seawen	9/26,12	DWG NO: 010-0000-805
3 PLACE	±0.10	±.***	CHKD: Annie	9/26,12	C
2 PLACE	±0.15	±.***	SCALE: SHEET: REV.: 2:1 1/1 A		
1 PLACE	±0.25	±.***			
ANGULAR:	X°±2°	.X°±***	DRAWN: Jone	9/26,12	

RECOMMENDED TIN PLATEDTHOUGH HOLE DIMENSIONS
 COPPER PLATE THICKNESS: 0.03MIN.(PER SURFACE)
 TIN PLATE THICKNESS: 0.0003MIN.(PER SURFACE)

A	ECN-210160	9/26,12	Seawen
X1	NEW DESIGN	6/14,11	Seawen
REV.	DESCRIPTION	DATE	APPD