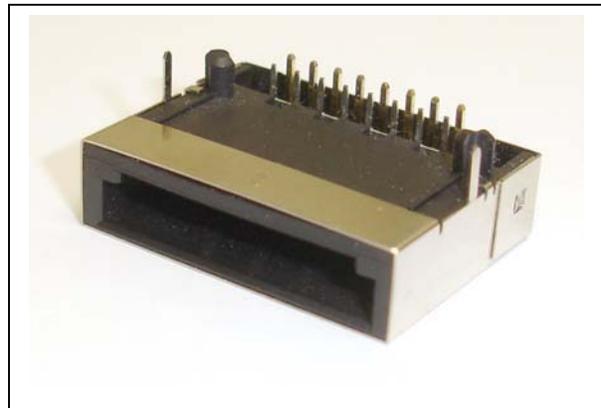




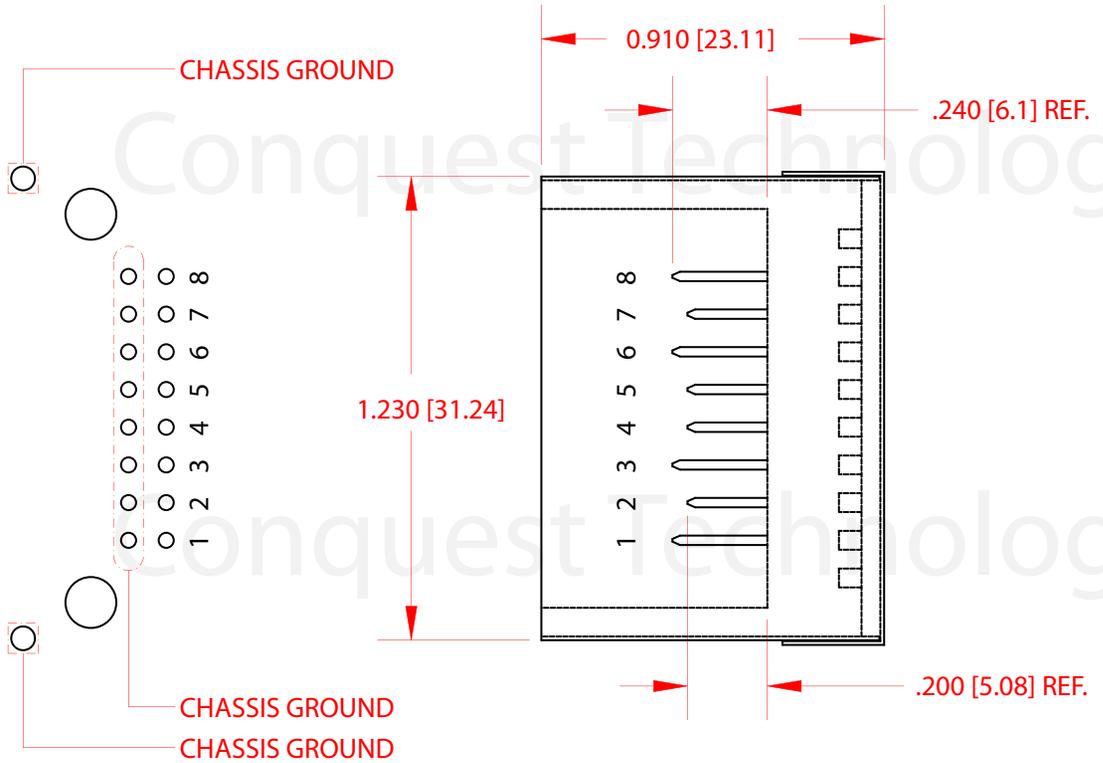
PoweredUSB 1x8 connector with sequenced contacts

- **Industry standard for POS printers**
- **PoweredUSB .08G compliant**
- **Fully EMI shielded option**
- **Staggered pins for hot plugging**
- **RoHS compliant**
- **UL recognized**
- **Gold plated contacts**
- **Drop in replacement for FCI/berg part (shield option will require PCB modifications)**

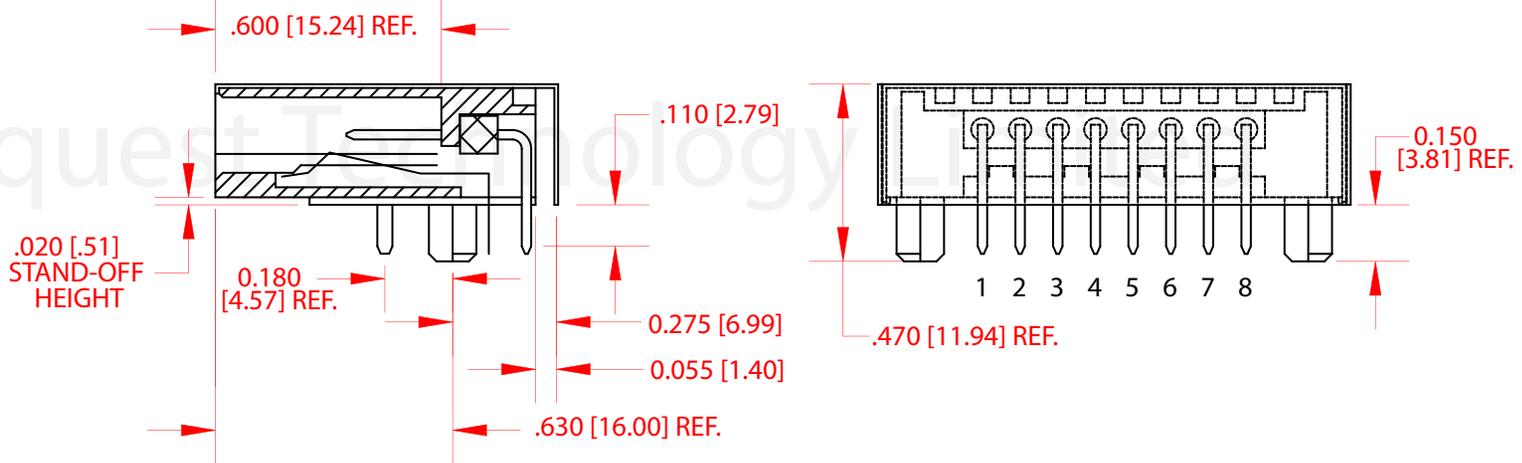
Part number: 351007 Shielded
351005 Non-shielded



REVISIONS		
REV	DESCRIPTION	DATE
A	RELEASE FOR QUOTE	02/2006



CONTACT	SIGNAL	MATING SEQUENCE
1	PWR GND	2
2	PWR +24V	3
3	USB GND	2
4	USB D+	3
5	USB D-	3
6	USB VBUS	2
7	PWR +24V	3
8	PWR GND	2
SHELL	CHS GND	1



UNLESS OTHERWISE SPEC'D DIM. ARE IN INCHES TOL. ARE FRACTION DECIMAL ANGULAR ± .XX ± .XXX ± .005 1/2"

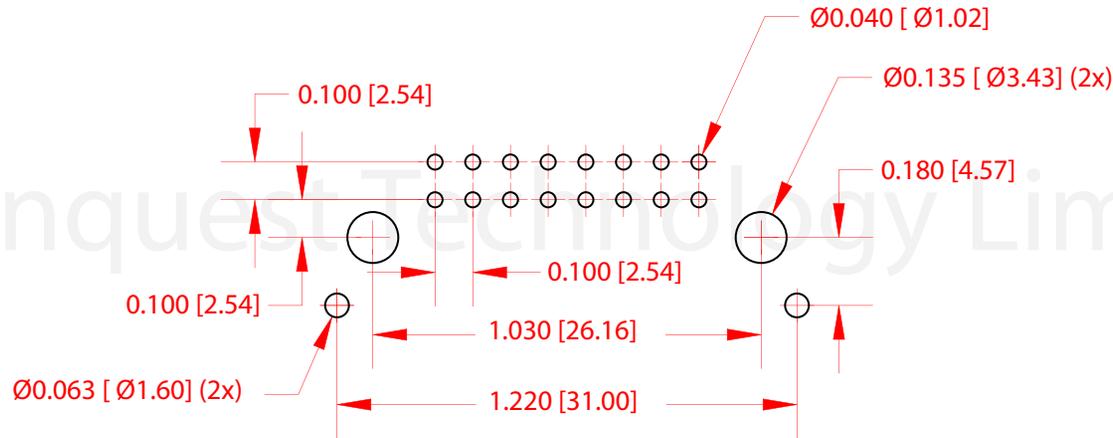
RoHS CONQUEST TECHNOLOGY LIMITED

THIRD ANGLE PROJECTION

1x8 PoweredUSB Right Angle Shrouded Header Assembly with Shielding - RoHS

MATERIAL	SEE SHEET 2	APPROVALS	DATE	SIZE	DWG. NO.	REV
FINISH	SEE SHEET 2	DRAWN Pepi	03/14/06	A	351007	B
DO NOT SCALE DWG.			SCALE	2:1	SHEET 1 OF 2	

REVISIONS		
REV	DESCRIPTION	DATE
A	RELEASE FOR QUOTE	02/2006



RECOMMENDED PCB LAYOUT

NOTES:

- 1) HEADER SHIELD MATERIAL: BRASS. PLATING: TIN OVER NICKEL.
- 2) HEADER SHROUD MATERIAL: POLYCARBONATE UL94V-0.
- 3) GROUND CONTACT MATERIAL: PHOSPHOR BRONZE. PLATING: PURE TIN OVER COPPER.
- 4) SIGNAL CONTACTS MATERIAL: COPPER ALLOY. PLATING: 30 μ GOLD OVER 50 μ NICKEL.
- 5) HEADER MATERIAL: NYLON 6/6.
- 6) CONNECTOR RATED TO WITHSTAND EXPOSURE TO 260°C PEAK FOR 15 SECONDS IN A CONVENTIONAL IR OR VAPOR PHASE REFLOW OVEN.

UNLESS OTHERWISE SPEC'D DIM. ARE IN INCHES TOL. ARE: FRACTION DECIMAL ANGULAR ± .XX ± .005 1/2"		RoHS	THIRD ANGLE PROJECTION	CONQUEST TECHNOLOGY LIMITED	
MATERIAL	SEE SHEET 2	APPROVALS	DATE	1x8 PoweredUSB Right Angle Shrouded Header Assembly with Shielding - RoHS	
FINISH	SEE SHEET 2	DRAWN Pepi	03/14/06	SIZE A	DWG. NO. 351007 REV B
DO NOT SCALE DWG.		SCALE 2:1		SHEET 2 OF 2	