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COMPONENT
SPECIFICATIONUSE OR REPRODUCTION OF THIS DRAWING FOR THE PURPOSE OF MANUFACTURING THIS
ARTICLE OR ANY ARTICLES SHOWN FOR ANY PURPOSE IS STRICTLY PROHIBITED WITHOUT
WRITTEN PERMISSION FROM SENIOR INDUSTRIES, INC.SPECIFICATIONSELECTRICAL

CONTACT RATING: 1A AT 12 VDC
 CONTACT RESISTANCE: 30 MILLIOHMS MAX.
 INSULATION RESISTANCE: 100 MEGOHMS MIN. AT 500 VDC
 DIELECTRIC STRENGTH: 500 VRMS FOR 1 MINUTE

MECHANICAL

INSERTION FORCE: 300-3,000 GRAMS
 WITHDRAWAL FORCE: 300-3,000 GRAMS
 OPERATING LIFE: 6,000 CYCLES
 CONTACT RETENTION FORCE: 80 GRAMS
 CONTACT PLATING: 3 TO 10 μ IN. GOLD OVER 50 TO 100 μ IN. NICKEL
 SOLDERABILITY: 95% WETTING MIN. AFTER 5 SECONDS DIP IN 230°C SOLDER.

ENVIRONMENTAL

STORAGE TEMPERATURE RANGE: -40°C TO +100°C
 OPERATING TEMPERATURE RANGE: -40°C TO +85°C
 PART SHALL WITHSTAND REFLOW SOLDER TEMPERATURE OF 260° FOR 20-40 SECONDS.

TAPE REEL PACKAGING:

WIDTH: 24MM
 PITCH: 12MM
 ORIENTATION: JACK OPENING FACING SIDE WITH SPROCKET HOLES
 REEL DIAMETER: 382MM

QUALIFICATION REQUIREMENTS:

TEMPERATURE SHOCK: -40°C TO +85°C, 32 CYCLES, 30 MINUTES DWELL, 20 SECONDS MAX. TRANSITION
 STATIC HUMIDITY: 70°C, 90 TO 95% RH FOR 240 HOURS
 VIBRATION:
 RANDOM: 6 G'S, 10-2000 Hz, 0.04G²/Hz, 15 MINUTES PER PLANE,
 MAX. OF 1 MICROSECOND DISCONTINUITY
 SINUSOIDAL: 15 G'S, 10-60 Hz, 30 MINUTES PER PLANE,
 MAX. OF 1 MICROSECOND DISCONTINUITY
 MECHANICAL SHOCK: 3000 G'S, 1/2 SINE PULSE, .3 MILLI-
 SECONDS, 3 SHOCKS PER PLANE (18 SHOCKS TOTAL), MAX.
 OF 1 MICROSECOND DISCONTINUITY


**SENIOR
INDUSTRIES, INC.**

DESIGNED:			SYM.	DATE:	DESCRIPTION OF REVISIONS:	DRAWN:	APPD:	TOLERANCE:	PART NO:	SI-576
DRAWN:	HV	02/22/99	Δ	02.22.99	NEW	HV		TO 1 DECIMAL PLACE: \pm	TITLE:	AUDIO JACK
CHECKED:			Δ	12.28.99		HV				
APPROVED:			Δ	03.01.05	NEW INDEX, PAD LAYOUT ADDED	GAT		TO 2 DECIMAL PLACES: \pm		
			Δ	.				AS ANGLES: \pm	SHEET:	2 OF 2
3RD ANGLE		UNIT:	mm	SCALE:		REV:	C			