



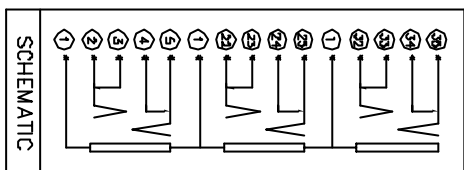
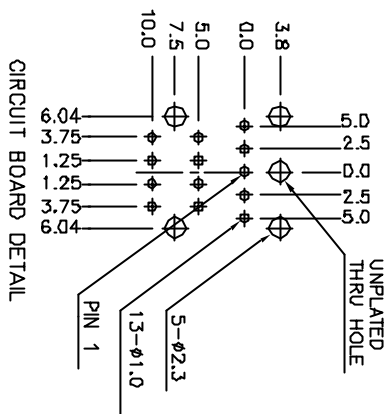
DATE CODE  
① YEAR: 02-2002  
② WEEK: 45-WK45

\*PART NUMBER DESCRIPTION:  
52485- X X X  
COLOR ARRANGEMENT  
SEE TABLE  
DESIGN VARIATION:  
0: STANDARD VERSION  
2: CUSTOMIZE  
PLATING CODE:  
SEE TABLE

-PLATING CODES:  
SEE TABLE

52485-073	TN/LEAD PLATING OF ALL TERMINAL	TOP JACK: ORANGE 157C CENTER JACK: BLACK 428C BOTTOM JACK: GREY 424C
52485-143	TN/LEAD PLATING ON SOLDER TAILAND 1/2" GOLD PLATING ON CONTACT AREA	
52485-243	TN/LEAD PLATING ON SOLDER TAILAND 30U" GOLD PLATING ON CONTACT AREA	
52485-343	TN/LEAD PLATING ON SOLDER TAILAND 15U" GOLD PLATING ON CONTACT AREA	
52485-072	TN/LEAD PLATING OF ALL TERMINAL	
52485-142	TN/LEAD PLATING ON SOLDER TAILAND 1/2" GOLD PLATING ON CONTACT AREA	TOP JACK: PINK 701C CENTER JACK: LIGHT BLUE 284C BOTTOM JACK: LIME 577C
52485-242	TN/LEAD PLATING ON SOLDER TAILAND 30U" GOLD PLATING ON CONTACT AREA	
52485-342	TN/LEAD PLATING ON SOLDER TAILAND 15U" GOLD PLATING ON CONTACT AREA	
52485-071	TN/LEAD PLATING OF ALL TERMINAL	
52485-141	TN/LEAD PLATING ON SOLDER TAILAND 1/2" GOLD PLATING ON CONTACT AREA	
52485-271	TN/LEAD PLATING ON SOLDER TAILAND 30U" GOLD PLATING ON CONTACT AREA	TOP JACK: LIGHT BLUE 284C CENTER JACK: LIME 577C BOTTOM JACK: PINK 701C
52485-341	TN/LEAD PLATING ON SOLDER TAILAND 15U" GOLD PLATING ON CONTACT AREA	
52485-070	TN/LEAD PLATING OF ALL TERMINAL	
52485-140	TN/LEAD PLATING ON SOLDER TAILAND 1/2" GOLD PLATING ON CONTACT AREA	ALL BLACK 428C
52485-240	TN/LEAD PLATING ON SOLDER TAILAND 30U" GOLD PLATING ON CONTACT AREA	
52485-340	TN/LEAD PLATING ON SOLDER TAILAND 15U" GOLD PLATING ON CONTACT AREA	
PRODUCT NO.	PLATING OPTION DESCRIPTION	COLOR SEQUENCE

mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY		A fci www.fciconnect.com	
ltr	ecn no	dr	date	linear		projection		title	
A	T00294	BEN	9/29/2K	.XX ±.2				AUDIO JACK	
B	T20043	J.H	11/20/02*	.XXX ±.05				TRIPLE-STACKED CONN.	
C	T03-0123	J.H	7/22/03	C' ±.2					
D	T04-0021	J.C	1/13/04	dr	JASON HSU	2/01/02*	product family JACK		code
				elgtr	JASON HSU	2/01/02*	size dwg no		-
				chr	JASON HSU	2/01/02*			
				qppd	JAMES HSU	2/01/02*			
sheet	revision	D	D			mm		A4	
index	sheet	1	2			scale 1:1		52485	
								sheet 1 of 2	



NOTE :

1. DIMENSIONING AND TOLERANCING PER ANSI Y14.5M - 1982.
2. EXPOSED BARRELS OF JACKS SHALL BE COLOR CODED PER PARAGRAPH 3.18.3 OF THE PC99 SYSTEM DESIGN GUIDE.
3. OUTER SHIELD NOT CONNECTED TO GROUND CONTACTS (PIN 1).

4. MATERIAL :

- 4.1. INSULATOR : THERMOPLASTIC UL 94V-0.
  - LINE IN : LIGHT BLUE COLOR ( 284C )
  - LINE OUT : LIME COLOR ( 577C )
  - MICROPHONE : PINK COLOR ( 701C )
  - SPEAKER OUT : ORANGE COLOR ( 157C )
  - USB : BLACK COLOR ( 426C )
  - IEEE 1394 : GREY COLOR ( 424C )

\*BLACK COLOR ALL - OPTION.

4.2. LEAD MATERIAL : COPPER ALLOY.

4.3. LEAD FINISH : AS TABLE SHOWN AND OPTION.

- 50 - 90 MICRO-INCH NICKEL UNDERPLATING,
- 100 - 200 MICRO-INCH TIN/LEAD PLATING
- ON SOLDER TAIL AND SELECTIVE GOLD PLATED ON CONTACT AREA.

4.4. SHIELD MATERIAL & FINISH : COPPER ALLOY.

- 50 - 90 MICRO-INCH NICKEL UNDERPLATING,
- 100 - 200 MICRO-INCH TIN/LEAD PLATING.

5. ELECTRICAL & MECHANICAL :

- 5.1. CURRENT RATING : 1 AMP.
- 5.2. DIELECTRIC WITHSTAND VOLTAGE : 500 VAC.
- 5.3. INSULATION/MATERIAL RESISTANCE : 100 MEGOHMS ( MIN.).
- 5.4. LEAD RESISTANCE : 50 MILLIOHMS ( MAX.).
- 5.5. 100 MILLIOHMS ( MAX.) AFTER ENVIRONMENT TEST.
- 5.5. MATING / UNMATING FORCE : 0.4 - 3 KG.F.INITIAL.
- 5.5. NO CHANGE AFTER 1000 CYCLES TEST.
- 5.6. DURABILITY : MORE THAN 1000 TIMES MATING CYCLES AT 10-20 CYCLES PER MINUTE WITHOUT FUNCTIONAL DAMAGE.
- 5.7. OPERATING TEMPERATURE : -25 °C TO + 85 °C

mat'l. code	tr	ecn no	dr	date	tolerances unless otherwise specified	CUSTOMER COPY	title	product family	code
	D				.XX ±.2	projection	A	TRIPLE-STACKED CONN.	
					.XXX ±.05	mm	FCI	JACK	
					0° ±2°	scale		52485	sheet 2 of 2
					dr JASON HSU 2/01/02*	1:1			
					engr JASON HSU 2/01/02*				
					chr JASON HSU 2/01/02*				
					appd JAMES HSU 2/01/02*				
sheet index	revision	sheet							