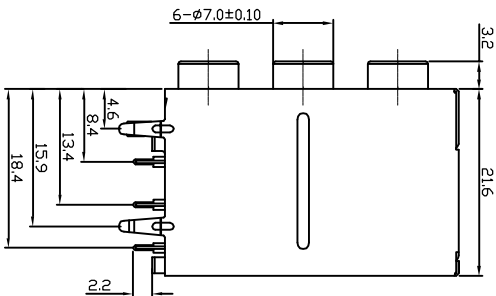
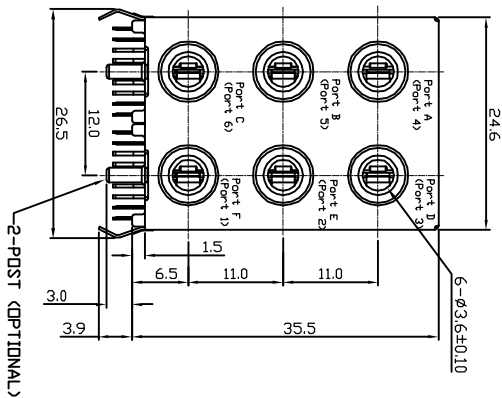
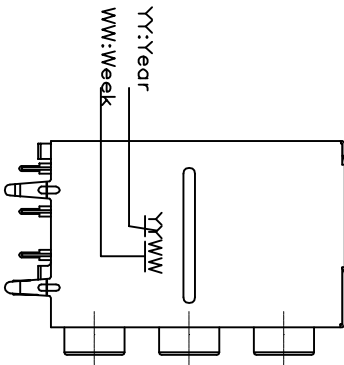
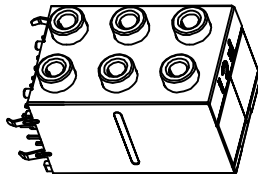
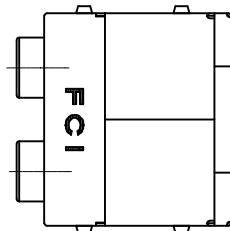




1 | 2

3

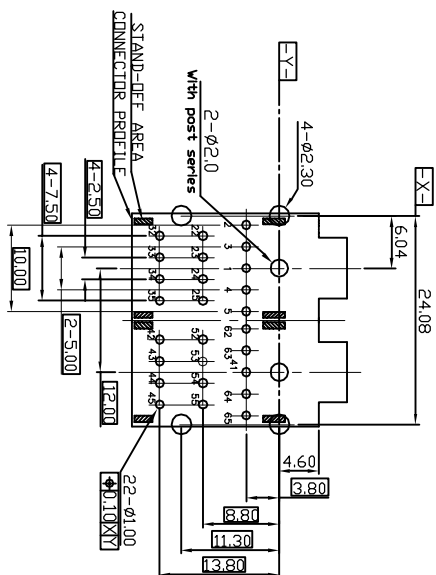
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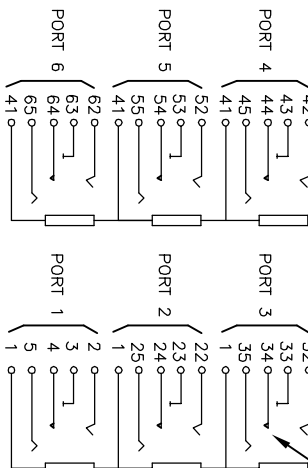
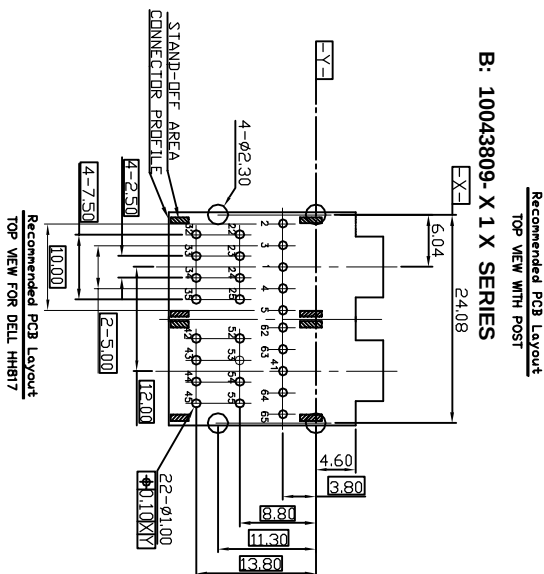
N/A	10043809-105ALF	TIN PLATING ON SOLDER TAIL AND GOLD FLASH PLATING ON CONTACT AREA.	A: LIME 577C B: LIGHT BLUE 284C C: PINK 701C	D: ORANGE 157C E: BLACK F: GRAY 420C	WITH
N/A	10043809-104ALF	TIN PLATING ON SOLDER TAIL AND GOLD FLASH PLATING ON CONTACT AREA.	A: PINK 701C B: LIGHT BLUE 284C C: LIME 577C	D: ORANGE 157C E: BLACK F: GRAY 420C	WITH
10043809-103LF	10043809-103ALF	TIN PLATING ON SOLDER TAIL AND GOLD FLASH PLATING ON CONTACT AREA.	A: ORANGE 157C B: BLACK C: GRAY 420C	D: LIGHT BLUE 284C E: LIME 577C F: PINK 701C	WITH
10043809-212LF	N/A	TIN PLATING ON SOLDER TAIL AND 15 u" GOLD PLATING ON CONTACT AREA.	A: BLACK B: ORANGE 157C C: GRAY 420C	D: LIGHT BLUE 284C E: LIME 577C F: PINK 701C	WITHOUT
10043809-101LF	N/A	TIN PLATING ON SOLDER TAIL AND GOLD FLASH PLATING ON CONTACT AREA.	A: ORANGE 157C B: BLACK C: GRAY 420C	D: LIGHT BLUE 284C E: LIME 577C F: PINK 701C	WITH

mod'l. code				tolerances unless otherwise specified				CUSTOMER		FCI	
lfr	ecn no	dr	date	lineor	.XX ± 0.38	.XX ± 0.25	.XXX ± 0.10	projection	copy	title	www.fciconnect.com
A	T04-0407	W.L	11/10/04							6-PORT SMART AUDIO JACK	
B	T05-0069	W.L	3/29/05							CONN. BTX (ST3036 SERIES)	
C	T05-0303	W.L	12/05/05	angles	0° ± 2°						
D	T06-0037	J.H	3/14/06	dr	WADE LUV	10/25/04				product family	JACK
E	T06-0195	J.H	11/13/06	engr	WADE LUV	10/25/04				code	TWIN
F	T07-1057	J.H	4/30/07	chr	WADE LUV	10/25/04				size dwg no	10043809
G	T07-1146	J.H	10/26/07	appr	STERLING LIN	10/28/04				scale	N/A
sheet	revision	sheet	1	2						code	22526
index	sheet	1	2							code	22526

A: 10043809-X 0 X SERIES



B: 10043809-X 1 X SERIES



CIRCUIT SCHEMATIC

NOTES:

1. DIMENSIONING AND TOLERANCING PER ANSI Y14.5M - 1982
2. OUTER SHIELD NOT CONNECTED TO GROUND CONTACTS (PIN 1).

4. MATERIAL :

- 4.1. INSULATOR : THERMOPLASTIC UL 94V-0.
4.2. LEAD MATERIAL : COPPER ALLOY.
4.3. LEAD FINISH :50u" NICKEL UNDERPLATING
100u" MATTE TIN PLATING

ON SOLDER TAIL AND SELECTIVE GOLD PLATED
ON CONTACT AREA.

OVERALL 30-50u" NICKEL UNDERPLATING,
SELECTIVE 80-120u" MATTE TIN PLATED ON SOLDER TAIL

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 KGF. INITIAL.
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
6. 100433809-XXXALF: THE HOUSING WILL WITHSTAND EXPOSURE TO 260° PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION.

7. PART NUMBER DESCRIPTION:

10043809-XXXXXXLF

LF: LEAD FREE				
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— MATERIALS OF SHIELDING
BLANK, COPPER ALLOY

BLANK: COFFER A
A: CARBON STEEL

— COLOR ARRANGEMENT

SEE TABLE-7

DESIGN VARIATION:
0: WITH THE POST

1: WITHOUT THE POST

PLATING CODE: _____

SEE TABLE

mat'l. code		tolerances unless otherwise specified		CUSTOMER COPY		 www.fciconnect.com	
ltr	ecn no	dr	date	linear		title	
G				.XX ± 0.25		6-PORT SMART AUDIO JACK	
				.XXX ± 0.10		CONN. BTX (ST3036 SERIES)	
				angles 0° ± 2°			
				dr WADE LIU 10/25/04		product family JACK	
				engr WADE LIU 10/25/04		code TWN	
				chr WADE LIU 10/25/04		sheet	
				dppd STERLING LIN 10/28/04		2 of 2	
sheet index	revision sheet			scale			
				N/A	A4		