



SPECIFICATION FOR APPROVAL

XF-PFN2408S

Customer Part No.	H-5084
Xmultiple Part No.	XF-PFN2408S
Product Description	Component
Quantity	
Documents Included	1. Specification Drawing
	2. Test Reports
	3. Materials Specification
	4. SGS Report

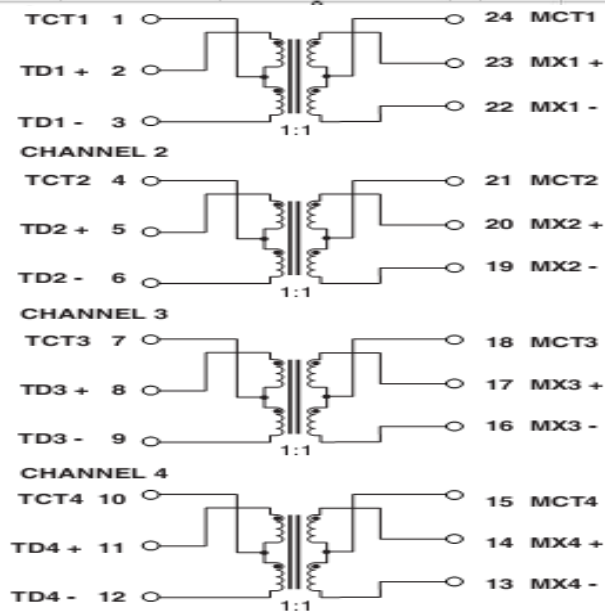
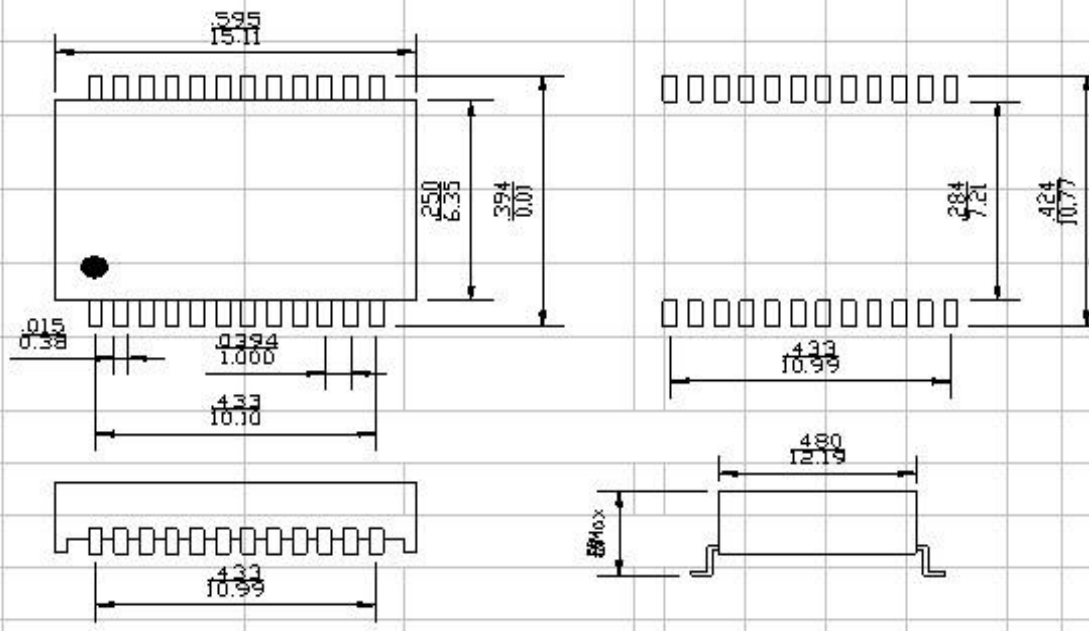
	MANUFACTURER SIGNATURE	CUSTOMER SIGNATURE
APPROVED BY		
DATE:		

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SPECIFICATION FOR APPROVAL

Customer:	Customer P/N:	H5084	Date: 1/14/2011
Quantity: 10PCS	Xmultiple P/N:	XF-PFN2408S	

1. MECHANICAL DIMENSIONS:(mm/inch)



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3. ELECTRICAL SPECIFICATIONS @ 25°C:

3-1. Inductance OCL:

@350uH Min 100KHz, 0.1V 8mA

3-2 DC Resistance:

@PRI=0.9 Ω Max

3-3 Turn Ratio:

@1CT:1CT±2%

3-4 Polarity:

@2-23 , 5-20, 8-17, 11-14 In-Phase

3-5 Isolation HI-POT:

@1500VAC 1s 1mA

3-6 Insertion Loss:

@1~100MHZ -1.0dB Max

3-7 Return Loss:

@1~40 MHz -18dB Min (Tx/Rx)

@50-60MHz -16dB Min (Tx/Rx)

@60-80 MHz -12dB Min (Tx/Rx)

@100 MHz -10dB Min (Tx/Rx)

3-8 Cross Talk:

@1~100MHz -40dB MIN (Tx TO Rx)

3-9 Common Mode Rejection Ratio:

@1~100 MHz -40dB Typ

① *Operating Temp Range: -40 °C TO+85 °C.*

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Customer:	Customer P/N: H5084	Date: 1/14/2011							
Quantity: 10PCS	Xmultiple P/N: PFN2408S								
30MHz	-0.3	-0.32	-0.31	-0.33	-0.29				
60MHz	-0.46	-0.47	-0.49	-0.45	-0.48				
100MHz	-0.78	-0.75	-0.76	-0.79	-0.72				
RX:									
30MHz	-0.32	-0.33	-0.31	-0.31	-0.30				
60MHz	0.48	-0.46	-0.49	-0.48	-0.37				
100MHz	-0.74	-0.78	-0.74	-0.72	-0.79				
Return Loss:									
-18dB Min(1~40MHz)									
-16dB Min(50-60MHz)									
-12dB Min(80MHz)									
-10dB Min(100MHz)									
(Test by HP8712ET)									
TX:									
1~40MHz	-21.8	-21.6	-21.6	-21.5	-21.6				
50-60MHz	-16.5	-16.3	-16.4	-16.5	-16.4				
60-80MHz	-12.6	-12.5	-12.7	-12.4	-12.7				
100MHz	-12.5	-12.6	-13.5	-13.4	-13.8				
RX:									
1~40MHz	-20.3	-20.5	-20.5	-20.4	-20.5				
50-60MHz	-15.5	-15.6	-15.4	-15.5	-15.4				
60-80MHz	-12.8	-12.7	-12.5	-12.6	-12.5				
100MHz	-13.4	-12.8	-13.5	-13.4	-12.9				
CMRR:									
-40dB Typ(1~100MHz)									
(Test by HP8712ET)									
TX:									
1~100MHz	-40.4	-40.5	-40.4	-40.3	-40.3				
RX:									
1~100MHz	-40.2	-40.1	-40.2	-40.1	-40.1				
Cross Talk:									
-40dB Typ (1-100MHz)									
TX1 TO RX1									
1~100MHz	-45	-42.8	-44.3	-44.6	-47.2				
RX1 TO TX2									
1~100MHz	-42.3	-44	-42.5	-41.9	-40.5				
TX2 TO RX2									
1~100MHz	-43	-43.3	-41.9	-43.1	-41.8				