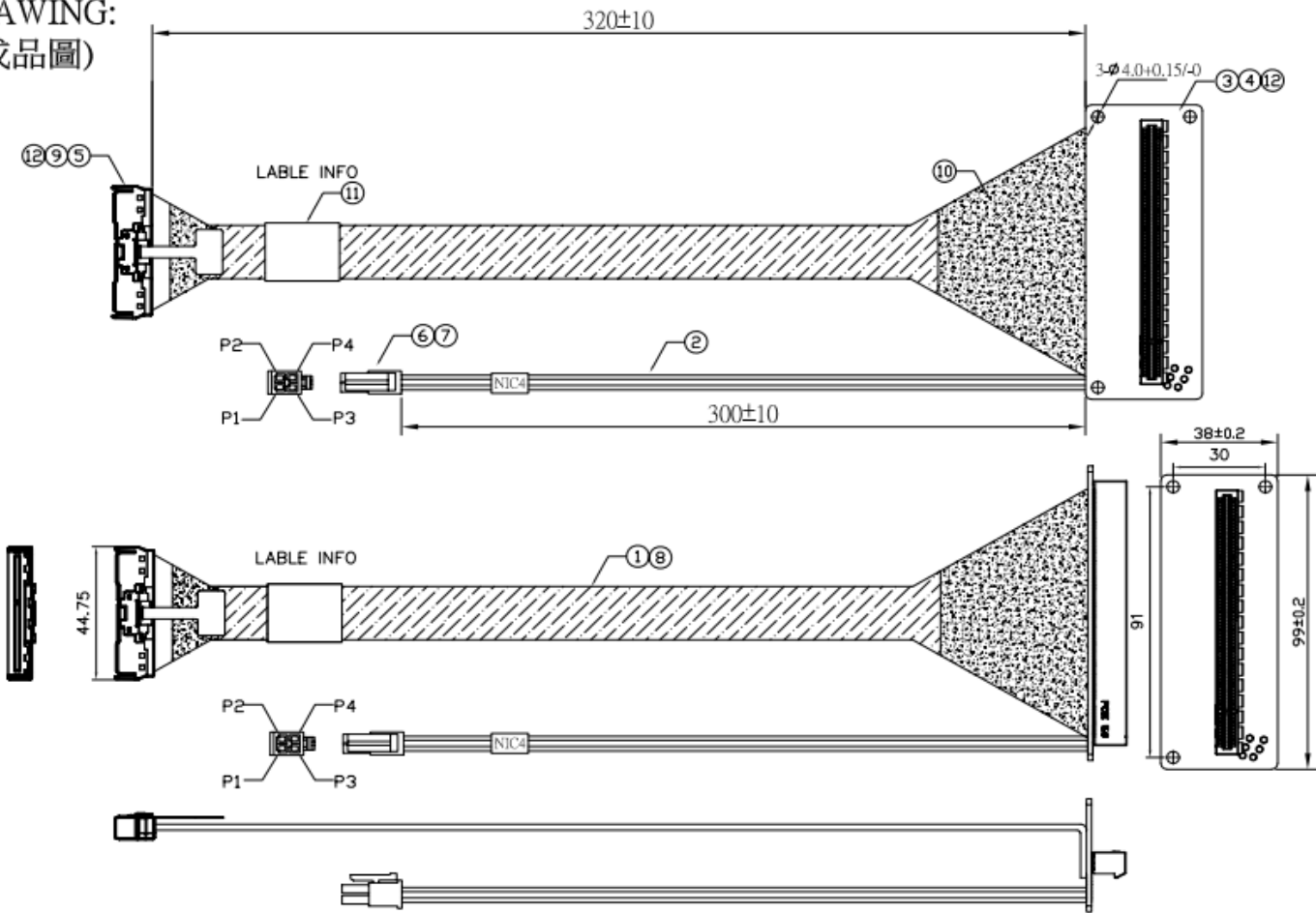


DRAWING:
(成品圖)

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RoHS Compliant



NOTE:
1.LABLE INFO:LTEM NUMBER+YEAR+WEEK NUMBER
2.100% OPEN,SHORT&INTERMITANCE TEST.
3.CONDUCTOR RESISTANCE:2.0 Ohms Max.
4.INSULATION RESISTANCE:5M Ohms Min./200V DC/10ms

12	UV GLUE	A/R
11	LABEL BLACK TEXT & WHITE BACKGROUND	A/R
10	ACETATE TAPE BLACK	A/R
9	MCIO LATCH	A/R
8	PLASTC BRAID PET COLOR:BLACK	A/R
7	CONTACT PH=3.0mm COPPER ALLOY	4 PCS
6	HSG 2*2P PITCH3.0mm UL94V0 COLOR:BK	1 PCS
5	PCB MCIO 16X Au30u" ON CONTAT AREA	1 PCS
4	PCIE X16 164PIN SMT CONNECTOR 15u"Au	1 PCS
3	PCle X16 PCB BLUE 99x38mm T:1.6	1 PCS
2	UL1007 16AWG Black/Yellow	A/R
1	30AWG 1P 85ohmligne differentielle	A/R
NO.	DESCRIPTION	QTY'

No. 項次	Date 日期	Design Change Record 變更記錄	Confirm 確認	Approval 檢查規範				ISSUE NO. 版次	第三角畫法 3RD ANGLE PROJ Unit: mm 單位	Customer 客戶名稱	Taiwan Self-Man
				Approve 核准	Check 复核	Confirm 確認	Draw By 繪圖			Drawing No. 品名	
						MATA		A	Date of drawing : 製圖日期 2025.06.06	PART NO. 料號 DRAW NO. 繪圖編號	
										Front NIC4	
										PCIEX5-16A0320-S15H	

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DRAWING: (成品圖)

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RoHS Compliant

Pin Assignment

P1 MCIO X16	P2 PCIE X16	P1 MCIO X16	P2 PCIE X16	Power Cable	PCIE 5.0a 16-CEM
A1 GND	A15 GND	B1 GND	B13 GND	1 +12V	A1,A3 +12V
A2 PERn0	A16 PERn0	B2 PETn0	B14 PETn0	2 +12V	B1,B2,B5 +12V
A3 PERn0	A17 PERn0	B3 PETn0	B15 PETn0	3 GND	A4 GND
A4 GND	A18x30 GND	B4 GND	B16x18 GND	4 GND	B4,B7 GND
A5 PERn1	A21 PERn1	B5 PETn1	B19 PETn1		
A6 PERn1	A22 PERn1	B6 PETn1	B20 PETn1		
A7 GND	A23 GND	B7 GND	B21 GND		
A8 3xV _{aux}	B10 +3.3V _{aux}	B8 SSMSC_L	B5 SSMSC_L		
A9 WAKE#	B11 WAKE#	B9 SSMSC_A	B6 SSMSC_A		
A10 GND	A12 GND	B10 GND	B7 GND		
A11 REFCLK_A_Dn	A13 REFCLK+	B11 PERST_N	A11 PERST#		
A12 REFCLK_A_Dn	A14 REFCLK-	B12 PERSTN1#	A1 PERSTN1#		
A13 GND	A24 GND	B13 GND	B22 GND		
A14 PERn2	A25 PETR2	B14 PETn2	B23 PETn2		
A15 PERn2	A26 PETR2	B15 PETn2	B24 PETn2		
A16 GND	A27x28 GND	B16 GND	B25x28 GND		
A17 PERn3	A29 PERn3	B17 PETn3	B27 PETn3		
A18 PERn3	A30 PERn3	B18 PETn3	B28 PETn3		
A19 GND	A31x34 GND	B19 GND	B29x32 GND		
A20 PERn4	A35 PERn4	B20 PETn4	B33 PETn4		
A21 PERn4	A36 PERn4	B21 PETn4	B34 PETn4		
A22 GND	A37x38 GND	B22 GND	B35x38 GND		
A23 PERn5	A39 PERn5	B23 PETn5	B37 PETn5		
A24 PERn5	A40 PERn5	B24 PETn5	B38 PETn5		
A25 GND	A41 GND	B25 GND	B39 GND		
A26 CLKREQ#	B12 CLKREQ#	B26 3x3V	A9 +3.3V		
A27 PRSTN2_1#	B17 PRSTN2_1#	B27 3x3V	A10 +3.3V		
A28 PWRERR#	B30 PWRERR#	B28 GND	B40x4 GND		
A29 PRSTN2_2#	B31 PRSTN2_2#	B29 3x3V	B8 +3.3V		
A30 PRSTN2_3#	B48 PRSTN2_3#	B30 PRSTN2_4#	B81 PRSTN2_4#		
A31 GND	A42 GND	B31 GND	B40 GND		
A32 PERn6	A43 PERn6	B32 PETn6	B41 PETn6		
A33 PERn6	A44 PERn6	B33 PETn6	B42 PETn6		
A34 GND	A45x44 GND	B34 GND	B43x44 GND		
A35 PERn7	A52 PERn7	B35 PETn7	B45 PETn7		
A36 PERn7	A53 PERn7	B36 PETn7	B46 PETn7		
A37 GND	A49 GND	B37 GND	B47 GND		
A38 GND	A51 GND	B38 GND	B49 GND		
A39 PERn8	A52 PERn8	B39 PETn8	B50 PETn8		
A40 PERn8	A53 PERn8	B40 PETn8	B51 PETn8		
A41 GND	A54x55 GND	B41 GND	B52x55 GND		
A42 PERn9	A56 PERn9	B42 PETn9	B6 PETn9		
A43 PERn9	A57 PERn9	B43 PETn9	B7 PETn9		
A44 GND	A58x58 GND	B44 GND	B58x55 GND		
A45 PERn10	A60 PERn10	B45 PETn10	B58 PETn10		
A46 PERn10	A61 PERn10	B46 PETn10	B59 PETn10		
A47 GND	A62x60 GND	B47 GND	B60x60 GND		
A48 PERn11	A64 PERn11	B48 PETn11	B62 PETn11		
A49 PERn11	A65 PERn11	B49 PETn11	B63 PETn11		
A50 GND	A66x65 GND	B50 GND	B64x65 GND		
A51 PERn12	A68 PERn12	B51 PETn12	B66 PETn12		
A52 PERn12	A69 PERn12	B52 PETn12	B67 PETn12		
A53 GND	A70x75 GND	B53 GND	B68x68 GND		
A54 PERn13	A72 PERn13	B54 PETn13	B70 PETn13		
A55 PERn13	A73 PERn13	B55 PETn13	B71 PETn13		
A56 GND	A74x75 GND	B56 GND	B72x65 GND		
A57 PERn14	A76 PERn14	B57 PETn14	B74 PETn14		
A58 PERn14	A77 PERn14	B58 PETn14	B75 PETn14		
A59 GND	A78x79 GND	B59 GND	B76x65 GND		
A60 PERn15	A80 PERn15	B60 PETn15	B78 PETn15		
A61 PERn15	A81 PERn15	B61 PETn15	B79 PETn15		
A62 GND	A82 GND	B62 GND	B80 GND		

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				Approve 核 准	Check 复 核	Confirm 確 認	Draw By 繪 圖		Drawing No. 品 名	Front NIC4		
						MATA		A	Date of drawing : 製圖日期	PART NO. 料 號	PCIEX5-16A0320-S15H	
									2025.06.06	DRAW NO. 繪圖編號		

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