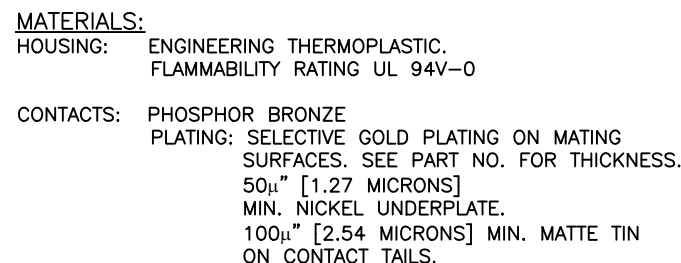
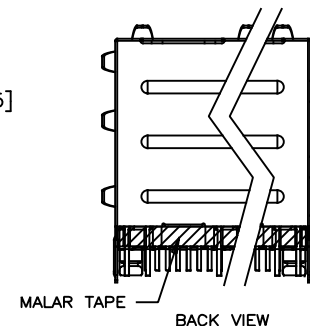


Amphenol Commercial Products - Product Change Notice (PCN)



PCN Number	PCN-C05093
Description of Change	Shield raw material change for RJSAE series 2X4 port & RJSBE 1X4 port connectors.
Reason for Change	Ongoing product lifecycle management activities to support long-term manufacturability and product availability.
Summary of Changes (between new and old part)	Change from: Copper alloy plated with nickel overall with tin-dipped tails. Change to: Stainless steel with tin-dipped tails.
Traceability Guidelines (lot code / date code, markings, ship date...)	Date codes 2641 (YYWW) and later.
Last Time Buy Date	NA
Datasheet attached? & Filename(s)	P-RJSAE-X38X-08-REVJ & P-RJSBE-X38X-C4X-REVD attached for reference. Please consult an Amphenol representative for latest revisions of all other affected drawings.
Qual test data attached? & Filename(s)	EMI performance comparison between connectors with copper alloy vs stainless steel shields, See attached radiation report.

Customer Part Number	Amphenol Old Part Number	Amphenol New Part Number	PCN Effectivity Date	Samples Availability Date	Last Time Purchase Date	Expected Supplier Qual Date
	RJSAE538008	No Change	2026/10/5	2026/10/5	NA	NA
	RJSAE538108					
	RJSAE5381A8					
	RJSAE538208					
	RJSAE538308					
	RJSAE538408					
	RJSAE5384A8					
	RJSAE538508					
	RJSAE538808					
	RJSAE538908					
	RJSAE538A08					
	RJSAE538AA8					
	RJSAE538B08					
	RJSAE538C08					
	RJSAE538H08					
	RJSAE538JA8					
	RJSAE538K08					
	RJSAE5F8A08					
	RJSAE8CS0003					
	RJSAE8SL0001					
	RJSAE8SL0024					
	RJSAE8SL0034					
	RJSAEJ38AC8					
	RJSAR8WT00004					
	RJSBE5380C4					
	RJSBE5381C4					
	RJSBE5382C4					
	RJSBE5384C4					
	RJSBE5385C4					
	RJSBE538TC4					
	RJSBEJ384C4					

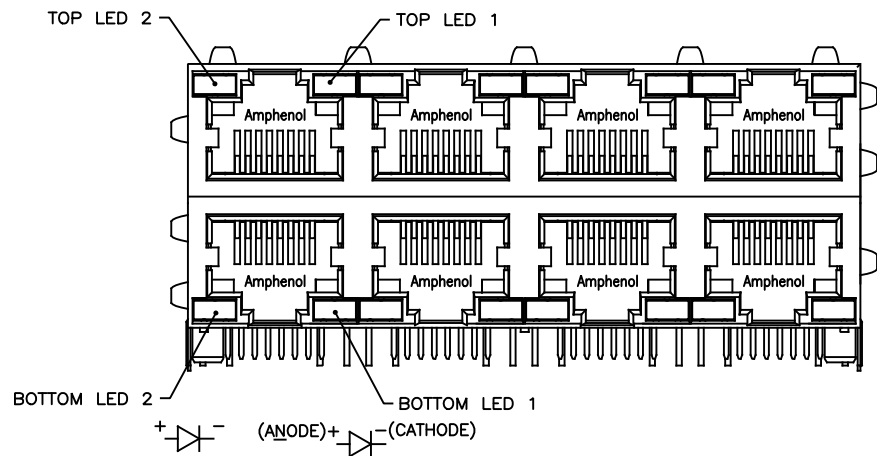
1

RECOMMENDED SOLDERING TEMPERATURE:
WAVE SOLDERING AT 260°C MAXIMUM FOR 5 TO 8 SECONDS.

AMPHENOL PART NUMBER: RJSAE-X38X-08X

1

6

**EXAMPLE:1**

PART NUMBER RJSAE-538X-08

STANDARD LED COLOR CODE

EXAMPLE:2

PART NUMBER RJSAE-538U-08-XX

BOTTOM ASSY LED (SAME AS STANDARD CODE)

TOP ASSY LED (SAME AS STANDARD CODE)

SPECIAL CODE FOR TOP
& BOTTOM LEDS CONFIGURATION**STANDARD LED COLOR CODE:**

CODE	LED 2 (LEFT)	LED 1 (RIGHT)	CODE	LED 2 (LEFT)	LED 1 (RIGHT)	CODE	LED 2 (LEFT)	LED 1 (RIGHT)
0	BLOCKED	BLOCKED	9	GREEN	BLOCKED	J	BiC RD/GR	YELLOW
1	YELLOW	GREEN	A	BiC GR/YE	BiC GR/YE	K	YELLOW	BiC GR/OR
2	BLOCKED	GREEN	B	BiC RD/GR	BiC RD/GR	L	BiC GR/YE	RED
3	YELLOW	BLOCKED	C	BiC RD/GR	BiC GR/YE	M	RED	YELLOW
4	GREEN	YELLOW	D	GREEN	BiC GR/YE	N	BiC GR/RD	BiC GR/YE
5	GREEN	GREEN	E	YELLOW	BiC GR/YE	P	GREEN	BiC RD/GR
6	YELLOW	YELLOW	F	BiC GR/YE	YELLOW	R	BiC GR/OR	GREEN
7	RED	GREEN	G	BiC GR/OR	BiC GR/OR	T	RED	RED
8	GREEN	RED	H	BiC GR/YE	GREEN	V	BiC RD/GR	GREEN
						W	ADDITIONAL OPTIONS	
						U	SPECIAL CODE FOR TOP & BOTTOM LEDS CONFIGURATION	

EXAMPLE:3

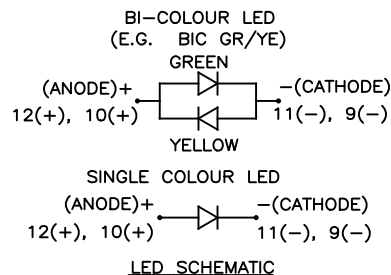
PART NUMBER RJSAE-538W-08X

ADDITIONAL LED COLOR CODE

DENOTES ADDITIONAL LED OPTIONS TO BE USED

ADDITIONAL LED COLOR CODE:

CODE	LED 2 (LEFT)	LED 1 (RIGHT)	CODE	LED 2 (LEFT)	LED 1 (RIGHT)	CODE	LED 2 (LEFT)	LED 1 (RIGHT)
0	DO NOT USE		5	BLOCKED	YELLOW	A	LOWC YE	LOWC YE
1	RED	BLOCKED	6	RED	BiC RD/GR	B	LOWC YE	LOWC GR
2	BiC GR/OR	YELLOW	7	BLOCKED	BiC RD/GR	C	LOWC GR	LOWC YE
3	YELLOW	RED	8	BiC RD/GR	BLOCKED	D	LOWC GR	LOWC GR
4	BLOCKED	RED	9	BiC GR/YE	BLOCKED	M	LOWC RD	LOWC YE
						N	GREEN	BiC GR/OR
						E	GREEN	ORANGE
						F	ORANGE	GREEN
						G	BiC YE/GR	BiC YE/GR
						P	BiC RD/YE	GREEN
						R	BiC RD/YE	BiC RD/YE
						T	BiC GR/YE	BiC RD/GR
						H	BLUE	RED
						L	YELLOW	BiC YE/GR
						V	BLUE	ORANGE

**LED SPECIFICATIONS:****FORWARD VOLTAGE:**

2.4 VOLTS MAX. @20mA (FOR SINGLE COLORS)

2.4 VOLTS MAX. @20mA (FOR BI-COLORS)

REVERSE VOLTAGE:

5.0 VOLTS MAX.(FOR SINGLE COLORS)

1.3 VOLTS MAX.(FOR BI-COLORS)

LUMINOUS INTENSITY:

4~30 mcd (FOR SINGLE COLORS) (AT If=20mA)

8~20 mcd (FOR BI-COLORS) (AT If=20mA)

OPERATING TEMPERATURE:

-55°C TO 85° C

WAVE SOLDERING TEMPERATURE:

260° C (10 SEC, 1/16" FROM CASE)

PLATING ON TAILS:

TIN OR TIN/COPPER ALLOY OVER SILVER

PRIMARY COLOR FOR BI-COLOR**LEDS IN STANDARD ANODE/****CATHODE CONFIGURATION IS:**

RED-GREEN= RED

RED-YELLOW= RED

GREEN-YELLOW= GREEN

GREEN-ORANGE= GREEN

LEGEND

BiC=BI-COLOR LED

LOWC=LOW CURRENT LED

YE=YELLOW

GR=GREEN

RD=RED

OR=ORANGE

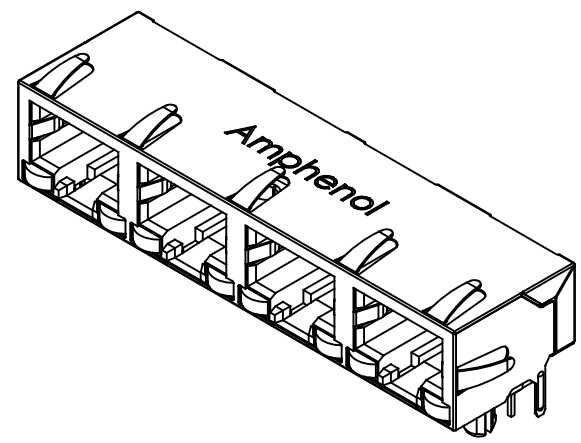
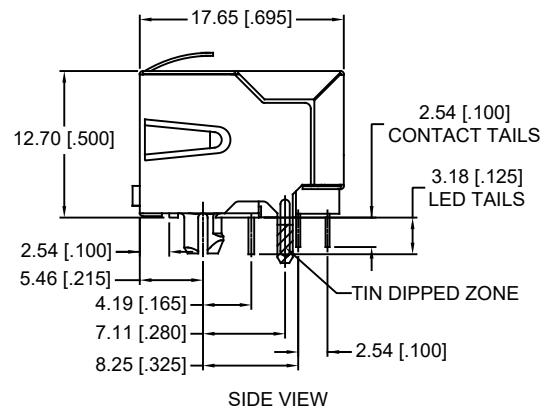
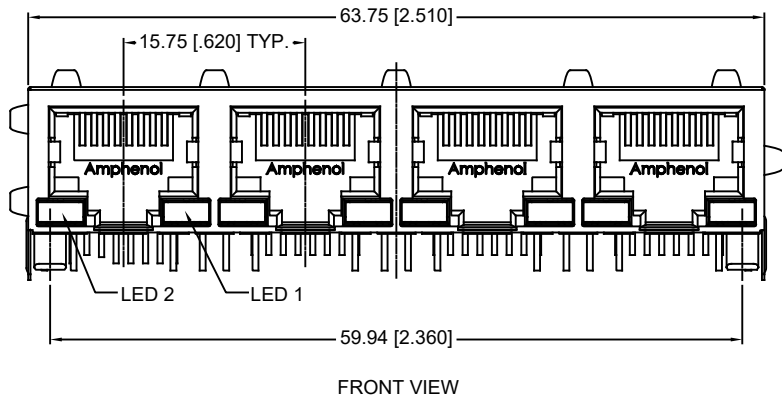
NOTE:

THE TWO DIGITS PRECEDING THE
ADDITIONAL LED CODE MUST BE
USED IN THE PART NUMBER, WHEN
ORDERING ANY OF THE ADDITIONAL
LED OPTIONS.

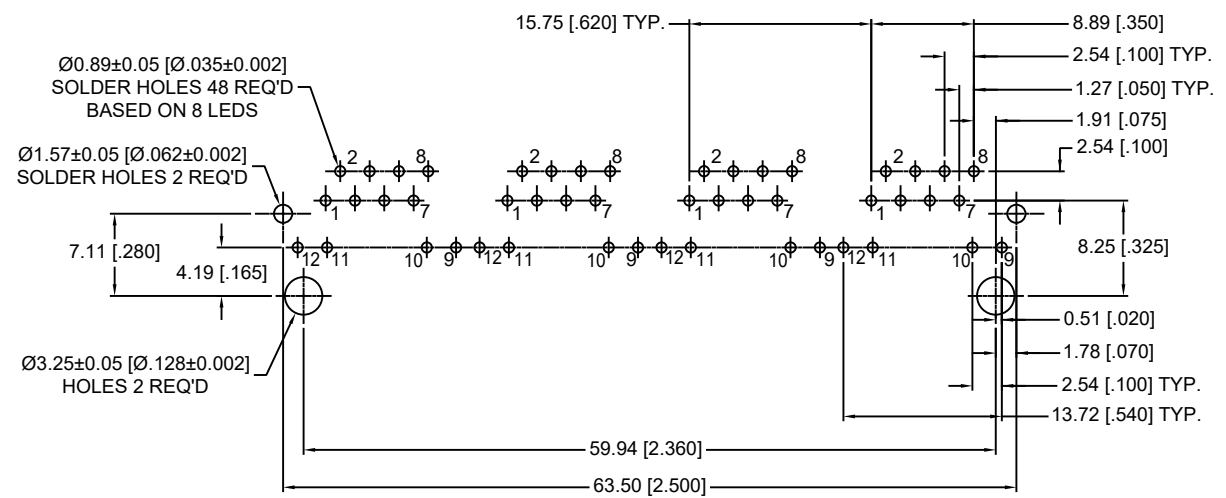


UNLESS SPECIFIED OTHERWISE			DRAWN HANSON.C JUN02/18			Amphenol Canada Corp.		
PRIMARY UNITS INCHES			CHECKED AMY.Z JUN02/18			Commercial Products		
SECONDARY MILLIMETERS			M.E. APP'D			STACKABLE MULTI-PORT MODULAR JACK,		
REFERENCE IN PARENTHESES			Q.A. APP'D			8 POS. 8 CONTACTS, 2 LEDS PER PORT,		
1 DECIMAL PLACE			DWG APP'D			SHIELDED WITH SIDE TABS AND TOP TABS		
2 DECIMAL PLACES			ENG. REL. NO.			-RoHS COMPLIANT		
3 DECIMAL PLACES ±0.015			REF.			DWG NO.		
ANGULAR DEGREES ±1.5°			THIRD ANGLE PROJECTION			P-RJSAE-X38X-08X		
			DO NOT SCALE DRAWING			CODE ID NO.		
						DWG SIZE		
						SCALE		
						SHEET 2 OF 2		

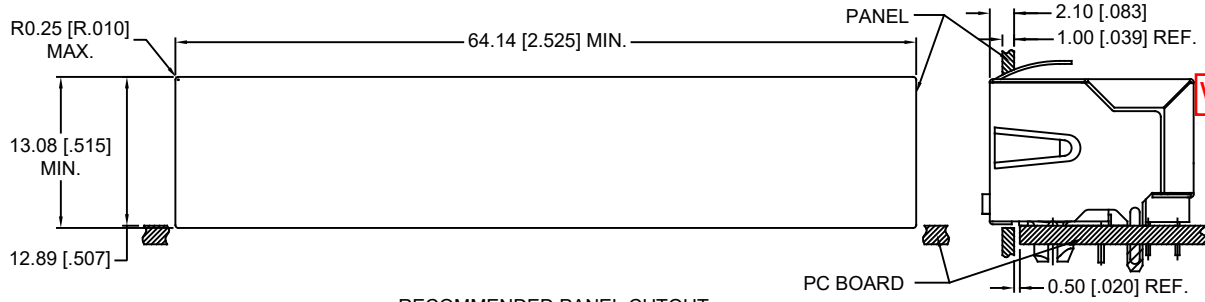
Rev A Released SEP4, 2026



REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
B	FIX THE ERROR	NOV03/21	L.CHAN
C	REMOVE THE GOLD FLASH OPTION ON TAILS	MAR16/23	KELVIN
D	CHANGE SHIELD MATERIAL TO SUS304	JUL08/26	G.B.



RECOMMENDED P.C.B LAYOUT
(TOLERANCE: ±0.05[±.002])
(COMPONENT SIDE OF PC BOARD)



RECOMMENDED PANEL CUTOUT



NOTES:

1. MATERIALS:
CONTACTS: PHOSPHOR BRONZE,
PLATING: SELECTIVE GOLD PLATING ON MATING SURFACES. SEE PART NO. FOR THICKNESS.
50 MICRO" MIN. NICKEL OVERALL.
100 MICRO" MIN. MATTE TIN ON TAILS.
HOUSING: ENGINEERING THERMOPLASTIC, FLAMMABILITY RATING UL 94V-0, COLOR - BLACK.
SHIELD: STAINLESS STEEL, WITH TIN FINISHED ON PCB TAILS
2. RECOMMENDED SOLDERING TEMPERATURE:
WAVE SOLDERING PEAKED AT 260°C FOR 5-8 SECONDS.

Was copper alloy

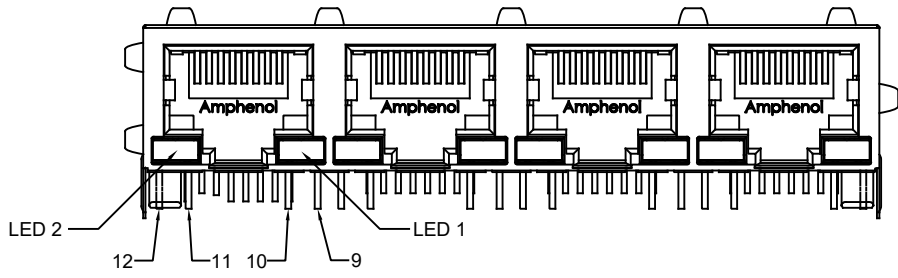
AMPHENOL PART NO.: RJSBE-X38X-C4X

GOLD PLATING OPTION:
D = 6u" GOLD PLATING
G = 15u" GOLD PLATING
J = 30u" GOLD PLATING
5 = 50u" GOLD PLATING

REFER TO LED OPTIONS DRAWING FOR ORDERING CODES

UNLESS SPECIFIED OTHERWISE		DRAWN	RONNIE.C	MAY07/19	Amphenol Canada Corp. Commercial Products		
PRIMARY UNITS MILLIMETERS		CHECKED	L.CHAN	MAY07/19			
SECONDARY INCHES		M.E. APP'D			4 PORT MODULAR JACK, 8 POSITIONS, 8 CONTACTS, WITH LED OPTIONS, SHIELDED, GOLD PLATING AND LED COLOR OPTIONS - RoHS COMPLIANT		
REFERENCE IN PARENTHESES		Q.A. APP'D					
GENERAL TOLERANCES		DWG APP'D					
1 DECIMAL PLACE		ENG. REL. NO.			DWG NO.		
2 DECIMAL PLACES ±0.38		REF.					
3 DECIMAL PLACES		THIRD ANGLE PROJECTION 			P-RJSBE-X38X-C4X		
ANGULAR DEGREES ±1.5°		DO NOT SCALE DRAWING					
					CODE ID NO. 03554 DWG SIZE X SCALE XX:1 SHEET 1 OF 2		

REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
B	FIX THE ERROR	NOV03/21	L.CHAN
C	REMOVE THE GOLD FLASH OPTION ON TAILS	MAR16/23	KELVIN
D	CHANGE SHIELD MATERIAL TO SUS304	JUL08/26	G.B.



EXAMPLE:
AMPHENOL PART NUMBER: RJSBE-538X-C4

LED COLOR CODE

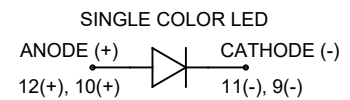
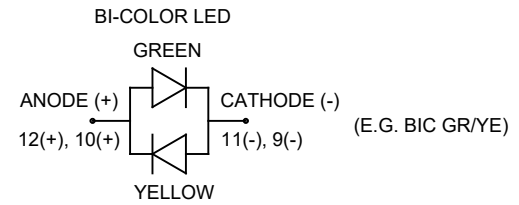
CODE	LED 2 (LEFT)	LED 1 (RIGHT)	CODE	LED 2 (LEFT)	LED 1 (RIGHT)	CODE	LED 2 (LEFT)	LED 1 (RIGHT)
0	BLOCKED	BLOCKED	9	GREEN	BLOCKED	J	BiC RD/GR	YELLOW
1	YELLOW	GREEN	A	BiC GR/YE	BiC GR/YE	K	YELLOW	BiC GR/OR
2	BLOCKED	GREEN	B	BiC RD/GR	BiC RD/GR	L	BiC GR/YE	RED
3	YELLOW	BLOCKED	C	BiC RD/GR	BiC GR/YE	M	RED	YELLOW
4	GREEN	YELLOW	D	GREEN	BiC GR/YE	N	BiC GR/RD	BiC GR/YE
5	GREEN	GREEN	E	YELLOW	BiC GR/YE	P	GREEN	BiC RD/GR
6	YELLOW	YELLOW	F	BiC GR/YE	YELLOW	R	BiC GR/OR	GREEN
7	RED	GREEN	G	BiC GR/OR	BiC GR/OR	T	RED	RED
8	GREEN	RED	H	BiC GR/YE	GREEN	V	BiC RD/GR	GREEN
			W	ADDITIONAL OPTIONS				

EXAMPLE OF ADDITIONAL LED OPTIONS:
AMPHENOL PART NUMBER: RJSBE-538W-C4X

ADDITIONAL LED COLOR CODE

DENOTES ADDITIONAL LED OPTIONS TO BE USED

CODE	LED 2 (LEFT)	LED 1 (RIGHT)	CODE	LED 2 (LEFT)	LED 1 (RIGHT)	CODE	LED 2 (LEFT)	LED 1 (RIGHT)
0	DO NOT USE		5	BLOCKED	YELLOW	A	LOWC YE	LOWC YE
1	RED	BLOCKED	6	RED	BiC RD/GR	B	LOWC YE	LOWC GR
2	BiC GR/OR	YELLOW	7			C	LOWC GR	LOWC YE
3	YELLOW	RED	8	BiC RD/GR	BLOCKED	D	LOWC GR	LOWC GR
4	BLOCKED	RED	9	BiC GR/YE	BLOCKED	M	LOWC RD	LOWC YE
			N	GREEN	BiC GR/OR	E	GREEN	ORANGE
			F	ORANGE	GREEN	G	BiC YE/GR	BiC YE/GR
			P	BiC RD/YE	GREEN	R	BiC RD/YE	BiC RD/YE
			T	BiC GR/YE	BiC RD/GR	H	BLUE	RED



LED SCHEMATIC

NOTES:

- LED SPECIFICATIONS:
FORWARD VOLTAGE: 1.8~3.4 VOLTS.
REVERSE VOLTAGE: 5.0 VOLTS MAX.
LUMINOUS INTENSITY: 3~60 mcd (AT If=20mA)
STORAGE TEMPERATURE: -55° TO 85° C
PLATING ON TAILS: TIN OR TIN/COPPER ALLOY OVER SILVER
- PRIMARY COLOR FOR BI-COLOR LEDS IN STANDARD ANODE/CATHODE CONFIGURATION IS:
RED-GREEN= RED
RED-YELLOW= RED
GREEN-YELLOW= GREEN
- LEGEND
BiC=BI-COLOR LED
LOWC=LOW CURRENT LED
YE=YELLOW
GR=GREEN
RD=RED
OR=ORANGE

UNLESS SPECIFIED OTHERWISE			DRAWN RONNIE.C		MAY07/19	Amphenol Canada Corp. Commercial Products	
PRIMARY UNITS MILLIMETERS			CHECKED L.CHAN		MAY07/19		
SECONDARY INCHES			M.E. APP'D			4 PORT MODULAR JACK, 8 POSITIONS, 8 CONTACTS, WITH LED OPTIONS, SHIELDED, GOLD PLATING AND LED COLOR OPTIONS - RoHS COMPLIANT	
REFERENCE IN PARENTHESES			Q.A. APP'D				
GENERAL TOLERANCES			DWG APP'D			DWG NO. P-RJSBE-X38X-C4X	
1 DECIMAL PLACE			ENG. REL. NO.				
2 DECIMAL PLACES ±0.38			REF.			REV D	
3 DECIMAL PLACES			THIRD ANGLE PROJECTION				
ANGULAR DEGREES ±1.5°			DO NOT SCALE DRAWING			CODE ID NO. 03554 DWG SIZE X SCALE XX:1 SHEET 2 OF 2	



Best Testing Lab.
&
Neutron
Engineering Inc.

BEST TESTING LAB.&Neutron Engineering Inc.
No.3.JinShaGang 1st Road,ShiXia,DaLang Town,DongGuan,China.
Tel: (0769)-8708-2000 Fax: (0769)-8708-2188 Post Code: 523792

Radiated Emission Measurement

File :Amphenol Sample

Data :#4

Date: 2006/01/12

Time: 下午 08:45:18

100.0 dBuV/m



Site CB01-BTL

Limit: CISPR22 ClassB 3M Radiation

EUT: RJ45

M/N: No.1 (with Stainless shield)

Mode:

Note:

Polarization: **Horizontal**

Power:

Distance: 3m

Temperature: 26 ℃

Humidity: 60 %

Air Pressure: 983 hpa

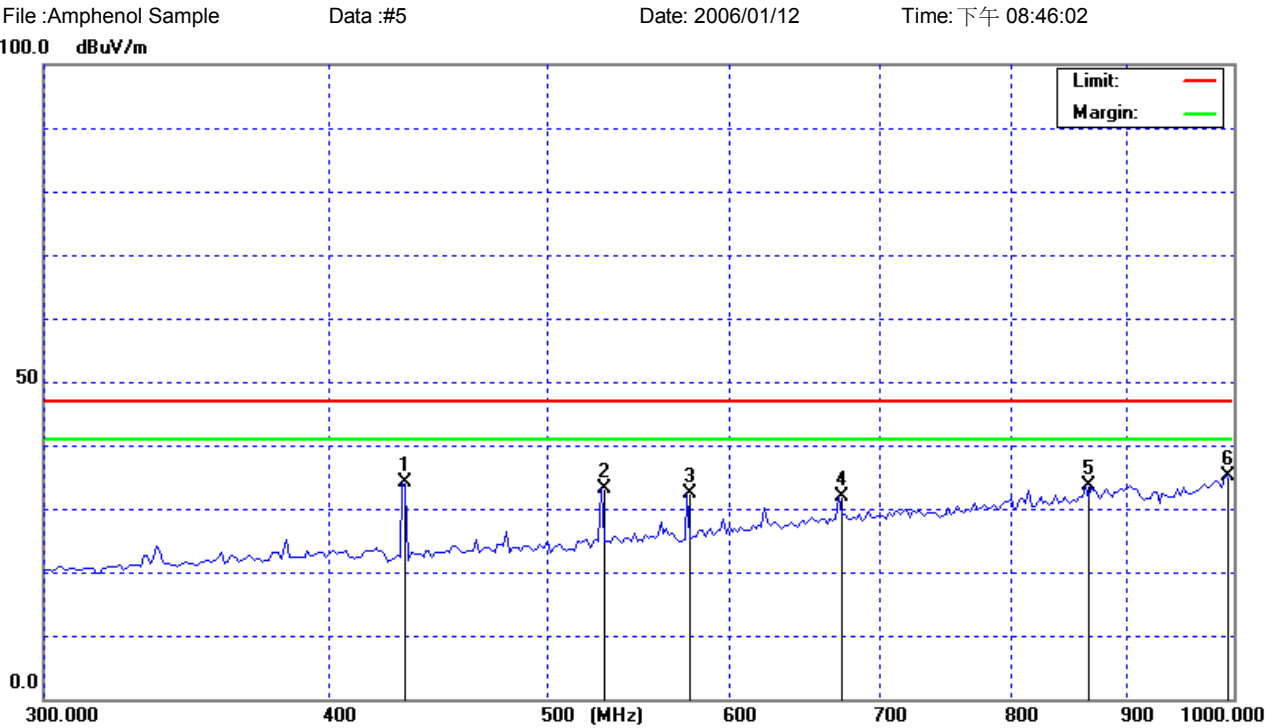
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	*	33.3750	49.96	-13.51	36.45	40.00	-3.55	peak	
2	!	37.4250	50.35	-15.88	34.47	40.00	-5.53	peak	
3	!	44.1750	54.54	-19.03	35.51	40.00	-4.49	peak	
4		58.3500	56.27	-22.65	33.62	40.00	-6.38	peak	
5		68.4750	53.07	-22.94	30.13	40.00	-9.87	peak	
6		166.3500	48.26	-20.08	28.18	40.00	-11.82	peak	

*:Maximum data x:Over limit !:over margin

●Reference Only



Radiated Emission Measurement



Site CB01-BTL	Polarization: Horizontal	Temperature: 26 ℃
Limit: CISPR22 ClassB 3M Radiation	Power:	Humidity: 60 %
EUT: RJ45	Distance: 3m	Air Pressure: 983 hpa
M/N: No.1 (with Stainless shield)		
Mode:		
Note:		

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		433.0000	46.21	-12.12	34.09	47.00	-12.91	peak	
2		529.2500	43.33	-10.19	33.14	47.00	-13.86	peak	
3		576.5000	41.76	-9.46	32.30	47.00	-14.70	peak	
4		672.7500	38.56	-6.78	31.78	47.00	-15.22	peak	
5		865.2500	38.03	-4.48	33.55	47.00	-13.45	peak	
6	*	996.5000	36.88	-1.80	35.08	47.00	-11.92	peak	

*:Maximum data x:Over limit !:over margin ●Reference Only



Best Testing Lab.
&
Neutron
Engineering Inc.

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Tel: (0769)-8708-2000 Fax: (0769)-8708-2188 Post Code: 523792

RADIATED EMISSION MEASUREMENT

File : Amphenol Sample

Data :#14

Date: 2006/01/12

Time: 下午 08:59:20

100.0 dBuV/m



Site CB01-BTL

Polarization: **Horizontal**

Temperature: 26 ℃

Limit: CISPR22 ClassB 3M Radiation

Power:

Humidity: 60 %

EUT: RJ45

Distance: 3m

Air Pressure: 983 hpa

M/N: No.1 (with Brassiness shield)

Mode:

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	*	33.3750	51.92	-13.51	38.41	40.00	-1.59	peak	
2	!	36.7500	52.10	-15.51	36.59	40.00	-3.41	peak	
3	!	42.1500	53.31	-18.26	35.05	40.00	-4.95	peak	
4		58.3500	55.31	-22.65	32.66	40.00	-7.34	peak	
5		68.4750	53.02	-22.94	30.08	40.00	-9.92	peak	
6		83.3250	48.81	-21.83	26.98	40.00	-13.02	peak	

*:Maximum data x:Over limit !:over margin

●Reference Only



Radiated Emission Measurement

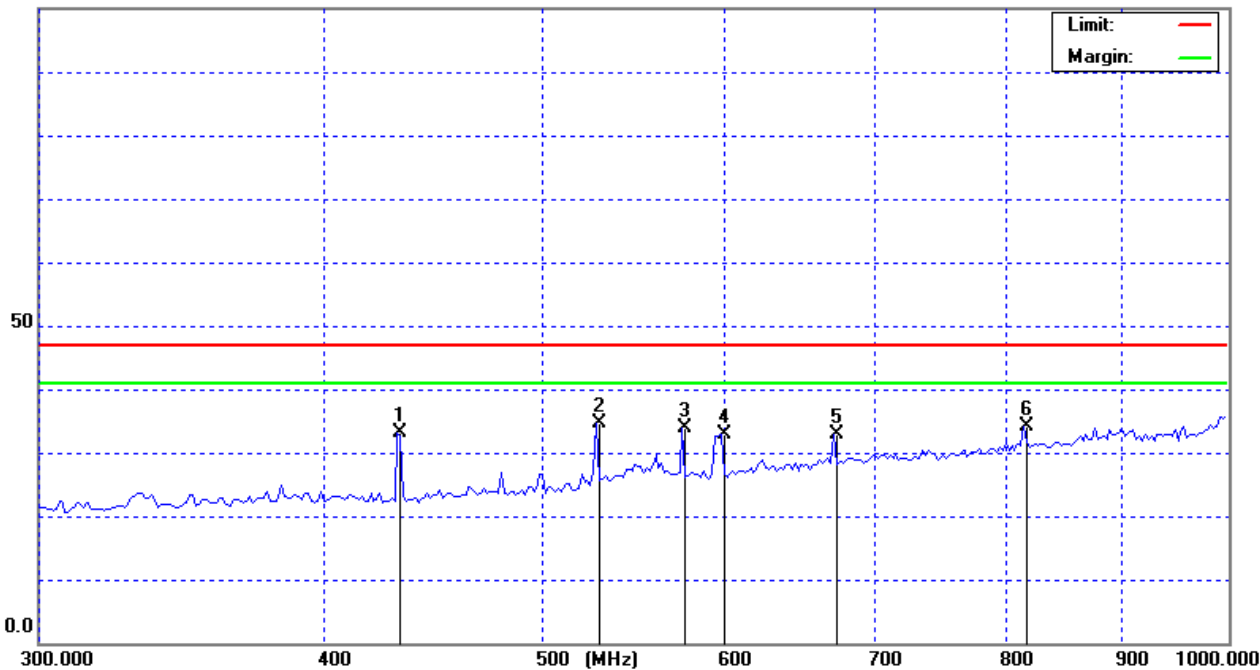
File :安費諾

Data :#15

Date: 2006/01/12

Time: 下午 09:00:03

100.0 dBuV/m



Site CB01-BTL

Polarization: **Horizontal**

Temperature: 26 ℃

Limit: CISPR22 ClassB 3M Radiation

Power:

Humidity: 60 %

EUT: RJ45

Distance: 3m

Air Pressure: 983 hpa

M/N: No.1 (with Brassiness shield)

Mode:

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		433.0000	45.30	-12.12	33.18	47.00	-13.82	peak	
2	*	529.2500	44.72	-10.19	34.53	47.00	-12.47	peak	
3		576.5000	43.46	-9.46	34.00	47.00	-13.00	peak	
4		601.0000	41.40	-8.45	32.95	47.00	-14.05	peak	
5		672.7500	39.70	-6.78	32.92	47.00	-14.08	peak	
6		816.2500	39.66	-5.48	34.18	47.00	-12.82	peak	

*:Maximum data x:Over limit !:over margin

●Reference Only