

## REVISION

ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	09/13/2024	DMAY	DGUTTADAURO

F

F

E

E

D

D

C

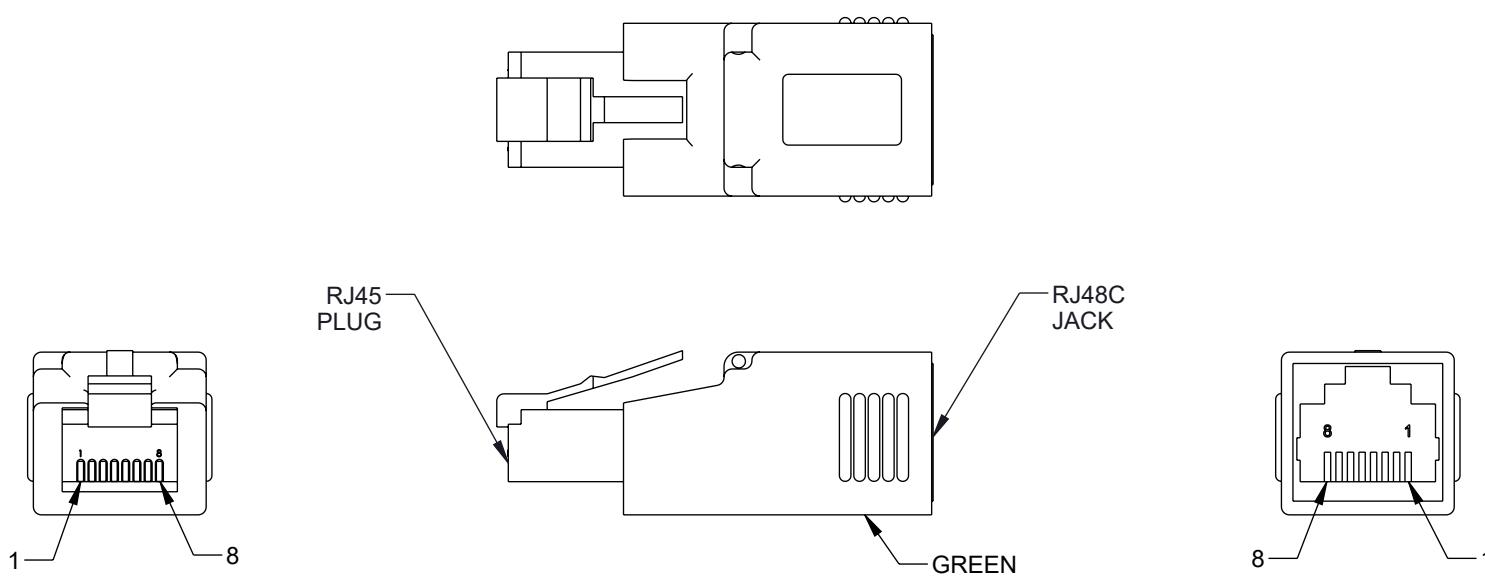
C

B

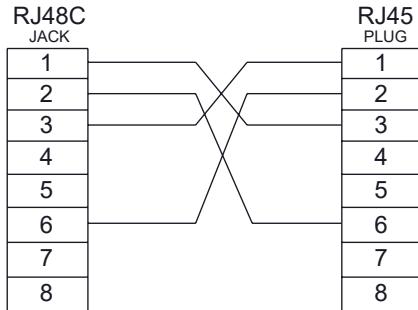
B

A

A



## WIRING SPEC



RJ48C JACK	RJ45 PLUG
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8

## NOTES:

- TEST: 100% ELECTRICAL TEST AT 1M OHM INSULATION RESISTANCE.

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF INFINITE ELECTRONICS, INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF INFINITE ELECTRONICS, INC. IS PROHIBITED. THESE COMMODITIES, TECHNOLOGY OR SOFTWARE WERE EXPORTED FROM THE UNITED STATES IN ACCORDANCE WITH THE EXPORT ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW PROHIBITED.

UNLESS OTHERWISE SPECIFIED  
LEADING DIMENSIONS ARE INCHES  
DIMENSIONS IN [ ] ARE MILLIMETERS

TOLERANCES:  
 $X = \pm 0.2$  [5]  
 $XX = \pm 0.02$  [0.5]  
 $XXX = \pm .005$  [0.13]

FRACTIONS  
 $\pm 1/32$   
 $\pm 1/64$   
 $\pm 1/128$   
 $\pm 1/256$   
 $\pm 1/512$   
 $\pm 1/1024$   
 $\pm 1/2048$   
 $\pm 1/4096$   
 $\pm 1/8192$   
 $\pm 1/16384$   
 $\pm 1/32768$   
 $\pm 1/65536$   
 $\pm 1/131072$   
 $\pm 1/262144$   
 $\pm 1/524288$   
 $\pm 1/1048576$   
 $\pm 1/2097152$   
 $\pm 1/4194304$   
 $\pm 1/8388608$   
 $\pm 1/16777216$   
 $\pm 1/33554432$   
 $\pm 1/67108864$   
 $\pm 1/134217728$   
 $\pm 1/268435456$   
 $\pm 1/536870912$   
 $\pm 1/1073741824$   
 $\pm 1/2147483648$   
 $\pm 1/4294967296$   
 $\pm 1/8589934592$   
 $\pm 1/17179869184$   
 $\pm 1/34359738368$   
 $\pm 1/68719476736$   
 $\pm 1/137438953472$   
 $\pm 1/274877906944$   
 $\pm 1/549755813888$   
 $\pm 1/1099511627776$   
 $\pm 1/2199023255552$   
 $\pm 1/4398046511104$   
 $\pm 1/8796093022208$   
 $\pm 1/17592186044416$   
 $\pm 1/35184372088832$   
 $\pm 1/70368744177664$   
 $\pm 1/140737488355328$   
 $\pm 1/281474976710656$   
 $\pm 1/562949953421312$   
 $\pm 1/1125899906842624$   
 $\pm 1/2251799813685248$   
 $\pm 1/4503599627370496$   
 $\pm 1/9007199254740992$   
 $\pm 1/18014398509481984$   
 $\pm 1/36028797018963968$   
 $\pm 1/72057594037927936$   
 $\pm 1/14411518807585968$   
 $\pm 1/28823037615171936$   
 $\pm 1/57646075230343872$   
 $\pm 1/115292150460687744$   
 $\pm 1/230584300921375488$   
 $\pm 1/461168601842750976$   
 $\pm 1/922337203685501952$   
 $\pm 1/184467440737100384$   
 $\pm 1/368934881474200768$   
 $\pm 1/737869762948401536$   
 $\pm 1/1475739525896803072$   
 $\pm 1/2951479051793606144$   
 $\pm 1/5902958103587212288$   
 $\pm 1/11805916207174425576$   
 $\pm 1/23611832414348851152$   
 $\pm 1/47223664828697702304$   
 $\pm 1/94447329657395404608$   
 $\pm 1/188894659314790809216$   
 $\pm 1/377789318629581618432$   
 $\pm 1/755578637259163236864$   
 $\pm 1/151115727458232647372$   
 $\pm 1/302231454916465294744$   
 $\pm 1/604462909832930589488$   
 $\pm 1/1208925819665851178976$   
 $\pm 1/2417851639331702357952$   
 $\pm 1/4835703278663404715904$   
 $\pm 1/9671406557326809431808$   
 $\pm 1/19342813114653618863616$   
 $\pm 1/38685626229307237727232$   
 $\pm 1/77371252458614475454464$   
 $\pm 1/154742504917228950908928$   
 $\pm 1/309485009834457901817856$   
 $\pm 1/618970019668915803635712$   
 $\pm 1/123794003933783160727144$   
 $\pm 1/247588007867566321454288$   
 $\pm 1/495176015735132642908576$   
 $\pm 1/990352031470265285817152$   
 $\pm 1/1980704062940530571634304$   
 $\pm 1/3961408125881061143268608$   
 $\pm 1/7922816251762122286537216$   
 $\pm 1/1584563250352424457307432$   
 $\pm 1/3169126500674848914614864$   
 $\pm 1/6338253001349697829229728$   
 $\pm 1/12676506002699395658459456$   
 $\pm 1/25353012005398791316918912$   
 $\pm 1/50706024010797582633837824$   
 $\pm 1/10141204802159516526767648$   
 $\pm 1/20282409604319033053535296$   
 $\pm 1/40564819208638066107070592$   
 $\pm 1/81129638417276132214141184$   
 $\pm 1/162259276834552264428282368$   
 $\pm 1/324518553669104528856564736$   
 $\pm 1/649037107338208557713129472$   
 $\pm 1/129807421467641711542658944$   
 $\pm 1/259614842935283423085317888$   
 $\pm 1/519229685870566846170635776$   
 $\pm 1/1038459371741133692341271552$   
 $\pm 1/2076918743482267384682543104$   
 $\pm 1/4153837486964534769365086208$   
 $\pm 1/8307674973929069538730172416$   
 $\pm 1/1661534994785813907546034832$   
 $\pm 1/3323069989571627815092069664$   
 $\pm 1/6646139979143255630184139328$   
 $\pm 1/1329227995828651126036827656$   
 $\pm 1/2658455991657302252073655312$   
 $\pm 1/5316911983314604504147310624$   
 $\pm 1/1063382396662908900829461128$   
 $\pm 1/2126764793325817801658922256$   
 $\pm 1/4253529586651635603317844512$   
 $\pm 1/8507059173303271206635689024$   
 $\pm 1/17014118346606542413271378048$   
 $\pm 1/34028236693213084826542756096$   
 $\pm 1/68056473386426169653085512192$   
 $\pm 1/136112946772852339306171024384$   
 $\pm 1/272225893545704678612342048768$   
 $\pm 1/544451787091409357224684097536$   
 $\pm 1/1088903574182818714449368195072$   
 $\pm 1/2177807148365637428898736390144$   
 $\pm 1/4355614296731274857797472780288$   
 $\pm 1/8711228593462549715594945560576$   
 $\pm 1/17422457186925099431188811121536$   
 $\pm 1/34844914373850198862377622243072$   
 $\pm 1/69689828747700397724755244486144$   
 $\pm 1/13937965749540079549511048892288$   
 $\pm 1/27875931498580159098522097784576$   
 $\pm 1/55751862997160318197044195569152$   
 $\pm 1/11150372599432063639408839138304$   
 $\pm 1/22300745198864127278817678276608$   
 $\pm 1/44601490397728254557635356553216$   
 $\pm 1/89202980795456509115270713106432$   
 $\pm 1/17840596159091301823054142621264$   
 $\pm 1/35681192318182603646108285242528$   
 $\pm 1/71362384636365207292216570485056$   
 $\pm 1/142724769272730414584432140960128$   
 $\pm 1/285449538545460829168864281920256$   
 $\pm 1/570899077090921658337728563840512$   
 $\pm 1/1141798154181843116675457127681024$   
 $\pm 1/2283596308363686233350914255362048$   
 $\pm 1/4567192616727372466701828510724096$   
 $\pm 1/9134385233454744933403657021448192$   
 $\pm 1/1826877046690948986680731404288384$   
 $\pm 1/3653754093381897973361462808576768$   
 $\pm 1/7307508186763795946722925617153536$   
 $\pm 1/14615016373527991893445851234307072$   
 $\pm 1/29230032747055983786891702468614144$   
 $\pm 1/58460065494111967573783404937228288$   
 $\pm 1/116920130988223935147566809674457576$   
 $\pm 1/233840261976447870295133619348915152$   
 $\pm 1/467680523952895740587267238697830304$   
 $\pm 1/935361047905791481174534477395660608$   
 $\pm 1/1870722095811582962349068954791321216$   
 $\pm 1/3741444191623165924698137909582642432$   
 $\pm 1/7482888383246331849396275819165284864$   
 $\pm 1/1496577676649266369879255163833177728$   
 $\pm 1/2993155353298532739758510327666355456$   
 $\pm 1/5986310706597065479517020655332710912$   
 $\pm 1/11972621413194130958034041310665421824$   
 $\pm 1/23945242826388261916068082621330843648$   
 $\pm 1/47890485652776523832136165242661687296$   
 $\pm 1/95780971305553047664272325485323375888$   
 $\pm 1/191561942611106095328544650970646751776$   
 $\pm 1/383123885222212190657089301940323553552$   
 $\pm 1/766247770444424381314178603880647107104$   
 $\pm 1/1532495540888848762628373207761294214208$   
 $\pm 1/3064991081777697525256746415522588428416$   
 $\pm 1/6129982163555395050513492831045176856832$   
 $\pm 1/12259964327110790101026945662082353733664$   
 $\pm 1/24519928654221580202053891324164707467328$   
 $\pm 1/49039857308443160404107782648329414934656$   
 $\pm 1/98079714616886320808215565296658829869312$   
 $\pm 1/196159429233772641616431130593117659738624$   
 $\pm 1/392318858467545283232862261186235319477248$   
 $\pm 1/784637716935090566465724442372470638954496$   
 $\pm 1/1569275433870181132931448884744941278908992$   
 $\pm 1/3138550867740362265862897769489882557817984$   
 $\pm 1/6277101735480724531725795538979765115635968$   
 $\pm 1/1255420347096144906345159107795953023127936$   
 $\pm 1/2510840694192289812690318215591906046255872$   
 $\pm 1/5021681388384579625380636431183812092511744$   
 $\pm 1/10043362776769159256761272862367244185023488$   
 $\pm 1/20086725553538318513522545724734488370046976$   
 $\pm 1/40173451107076637027045091449468976740093952$   
 $\pm 1/80346902214153274054090182898937953480187904$   
 $\pm 1/16069380442830654810818036579787590696037808$   
 $\pm 1/32138760885661309621636073159575181392075616$   
 $\pm 1/64277521771322619243272146319150362784151232$   
 $\pm 1/12855504354264523848654429263830072568830256$   
 $\pm 1/25711008708529047697308858527660075137660512$   
 $\pm 1/51422017417058095394617717055320015273310224$   
 $\pm 1/102844034834116190789235434110640030546604448$   
 $\pm 1/205688069668232381578470868221280061093208896$   
 $\pm 1/411376139336464763156941736442560122186417792$   
 $\pm 1/822752278672929526313883472884560244372835584$   
 $\pm 1/164550455734585905262776694576912048874567176$   
 $\pm 1/329100911469171810525553389153820977489134352$   
 $\pm 1/658201822938343621051106778307641954878268704$   
 $\pm 1/131640364587668724210221355661528390956653708$   
 $\pm 1/263280729175337448420442711323056781913315416$   
 $\pm 1/526561458350674896840885422646114163826630832$   
 $\pm 1/105312291670134979368177084529222832765321766$   
 $\pm 1/210624583340269958736354169058445665530643532$   
 $\pm 1/421249166680539917472708338116891310661287064$   
 $\pm 1/842498333361079834945416676233782621322574128$   
 $\pm 1/168499666672215966989033335246756524265148256$   
 $\pm 1/336999333344431933978066670493513048530341512$   
 $\pm 1/67399866668886386795613334098702609656068224$   
 $\pm 1/13479973333777277351126668019740521931216448$   
 $\pm 1/2695994666755455470225333603948104386243296$   
 $\pm 1/5391989333510910940450667207896208772486592$   
 $\pm 1/1078397666752282188090133441579241754897184$   
 $\pm 1/2156795333504564376180266883158483509794368$   
 $\pm 1/4313590667009128752360533766316867019588736$   
 $\pm 1/8627181334018257504721067532633734039177472$   
 $\pm 1/17254362668036515009442135065267480782354944$   
 $\pm 1/34508725336073030018884267013053961564709888$   
 $\pm 1/69017450672146060037768534026107923129419776$   
 $\pm 1/13803490134429030075533706805215846258839552$   
 $\pm 1/27606980268858060015166413610431692517679104$   
 $\pm 1/55213960537716120030332827220863385035358208$   
 $\pm 1/110427921075432400606656544441726700706716016$   
 $\pm 1/220855842150864800121331088883453401413432032$   
 $\pm 1/441711684301729600242662177766906802826864064$   
 $\pm 1/883423368603459200485324355533813605653728128$   
 $\pm 1/17668467372$