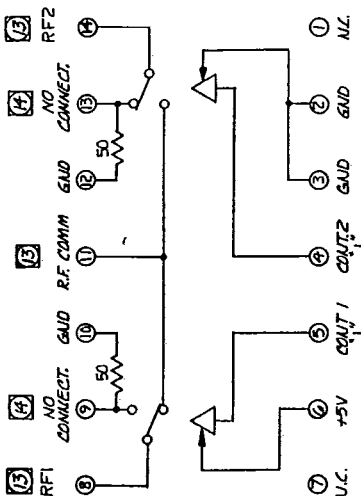
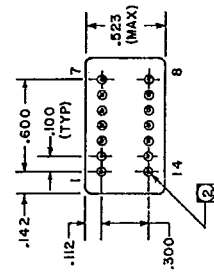
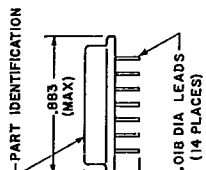
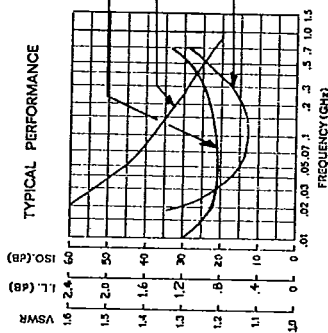


REVISIONS			
LTR	DESCRIPTION	BY	DATE
D	REDRAWN & FREQ. WAS 40-80 MHz	B	12-27-58
E	ECN REVISED PER ECN 028	W	12-27-58
F	ECN 0552	W	1-10-59
G	ECN REVISED PER ECN 1095	W	1-10-59



10. CONNECT, AS SHOWN, FOR INTERNAL 50 OHM TERMINATION.
13. GROUND PINS 9 AND 13 FOR SHORTED OUTPUTS (HIGH ISOLATION).
12. DC BLOCKS REQUIRED ON EXTERNAL R.F. CONNECTIONS (.001 TO .01 MICROFARAD).
11. DC POWER: +5 VOLTS @ 130 MA.
10. SWITCHING TRANSIENTS: 20 MV PEAK.
11. SWITCHING SPEED: 30 NANOSECONDS MAXIMUM.
9. CONTROL: 2 LINE TTL LOW POWER SCHOTTKY.
8. ISOLATION: 20-60 DB MINIMUM.
60-300 MHZ 25 DB MINIMUM.
7. INSERTION LOSS: 1.25 DB MAXIMUM.
6. VSWR: 1.25/1 MAXIMUM.
5. IMPEDANCE: 50 OHMS.
4. RF POWER: +15 DBM MAXIMUM.
3. FREQUENCY: 20-300 MHZ.
2. PIN 14 IS INDICATED BY BEAD OF CONTRASTING COLOR.
PART NUMBER IS DS0LS8.

T. PART NUMBER IS DS0158.
NOTES: ALL SPECIFICATIONS ARE TYPICAL, UNLESS OTHERWISE SPECIFIED.

⑦	U.C.	⑥	+5V	⑤	CONT. 1	④	CONT. 2	③	GAUD	②	GAUD	①	N.C.
---	------	---	-----	---	---------	---	---------	---	------	---	------	---	------

QTY REQD PER NOTED ASST		ITEM No.		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
DIMENSIONS ARE IN INCHES		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
TOLERANCES ON FRACTIONS		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/16		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/32		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/64		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/128		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/256		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/512		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/1024		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/2048		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/4096		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/8192		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/16384		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/32768		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/65536		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/131072		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/262144		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/524288		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/1048576		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/2097152		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/4194304		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/8388608		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/16777216		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/33554432		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/67108864		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/134217728		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/268435456		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/536870912		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/1073741824		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/2147483648		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/4294967296		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/8589934592		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/17179869184		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/34359738368		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/68719476736		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/137438953472		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/274877906944		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/549755813888		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/1099511627776		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/2199023255552		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/4398046511104		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/8796093022208		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/17592186444416		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/35184372888832		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/70368745777664		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/140737491553328		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/281474983106656		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/562949966213312		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/1125899932426624		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/2251799864853248		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/4503599729706496		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/9007199459412992		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/18014398918825984		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/36028797837651968		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/72057595675303936		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/144115191350607872		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/288230382701215744		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/576460765402431488		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/1152921530804862976		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/2305843061609725952		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/4611686123219451904		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/9223372246438903808		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/18446744492877807616		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/36893488985755615232		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/73786977971511230464		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/147573955943022460928		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/295147911886044921856		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/590295823772089843712		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/1180591647544179687424		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/2361183295088359374848		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/4722366590176718749696		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/9444733180353437499392		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/1888946636070687498784		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/3777893272141374997568		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/7555786544282749995136		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/15111573088565499990272		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/30223146171130999980544		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/60446292342261999961088		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/120892584684523999922176		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/241785169369047999844352		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/483570338738095999688704		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/967140677476191999377408		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/1934281354952383998754816		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/3868562709904767997509632		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/7737125419809535995019264		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/15474250839619071990038528		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/30948501679238143980077056		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/61897003358476287960154112		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/123794006716952575920308224		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/247588013433905151840616448		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/495176026867810303681232896		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/990352053735620607362465792		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/1980704107471241214724931584		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/3961408214942482429449863168		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/7922816429884964858899726336		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/15845632859769929717799452672		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/31691265719539859435598905344		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/63382531439079718871197810688		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/126765062878159437742395621376		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/253530125756318875484791242752		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/507060251512637750969582485504		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/1014120503025275501939164971008		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/2028241006050551003878329942016		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/4056482012101102007756659884032		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/8112964024202204015513319768064		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/16225928484404408031026639536128		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/32451856968808816062053279072256		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/64903713937617632124106558144512		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/129807427875235264248213116289024		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/259614855750470528496426232578048		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/519229711500941056992852465156096		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/1038459423001882113985704930312192		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/2076918846003764227971409860624384		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/4153837692007528455942819721248768		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/8307675384015056911885639442497536		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/16615350768030113823771278884995072		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/33230701536060227647542557769990144		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/66461403072120455295085115539980288		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/132922806144240910590170231079760576		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/265845612288481821180340462159521152		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/531691224576963642360680924319042304		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/1063382449153927284721361848638084608		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/2126764898307854569442723697276169216		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/4253529796615709138885447394552338432		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/8507059593231418277770894789104676864		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/17014119186462836555541789578209353728		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/34028238372925673111083579156418707456		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/68056476745851346222167158312837414912		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/136112953491702692444334316625674829824		QTY REQD PER NOTED ASST		PART NUMBER		PART DESCRIPTION		MATERIAL		MATERIAL SPEC	
± 1/272225906983405384888668633251349658496		QTY REQD PER NOTED ASST		PART NUMBER							

~~NOTES, UNLESS OTHERWISE SPECIFIED.~~