

Size	0 DWG #	S	of	R	Title
D	05059-03	1	3	-	ESR prototype cryostat helium vessel central cylinder assy
D	05059-03	2	3	-	ESR prototype cryostat helium vessel central cylinder assy
D	05059-03	3	3	-	ESR prototype cryostat helium vessel central cylinder component
D	05059-04	1	2	-	ESR prototype cryostat helium vessel end cylinder assy
D	05059-04	2	2	A	ESR prototype cryostat helium vessel end cylinder component
D	05059-05	1	2	-	ESR prototype cryostat helium vessel dome head assy
D	05059-05	2	2	-	ESR prototype cryostat helium vessel dome head component
D	05059-06	1	1	A	ESR prototype cryostat helium vessel head bellows component assy
D	05059-07	1	4	-	ESR prototype cryostat vacuum vessel central cylinder assy
D	05059-07	2	4	A	ESR prototype cryostat vacuum vessel central cylinder assy
D	05059-07	3	4	-	ESR prototype cryostat vacuum vessel central cylinder component
D	05059-07	4	4	-	ESR prototype cryostat vacuum vessel central cylinder component
D	05059-08	1	3	-	ESR prototype cryostat vacuum vessel end cylinder assy
D	05059-08	2	3	A	ESR prototype cryostat vacuum vessel end cylinder flange
D	05059-08	3	3	-	ESR prototype cryostat vacuum vessel end cylinder
D	05059-09	1	3	B	ESR prototype cryostat vacuum vessel dome head assy
D	05059-09	2	3	-	ESR prototype cryostat vacuum vessel dome head component
D	05059-09	3	3	B	ESR prototype cryostat vacuum vessel dome head component
D	05059-10	1	1	B	ESR prototype cryostat radiation shield one assy
D	05059-11	1	1	B	ESR prototype cryostat radiation shield end cylinder assy
D	05059-11	2	2	B	ESR prototype cryostat radiation shield end cylinder component
D	05059-12	1	1	B	ESR prototype cryostat radiation shield intermediate cylinder assy
D	05059-12	2	2	B	ESR prototype cryostat radiation shield intermediate cylinder component
D	05059-13	1	2	B	ESR prototype cryostat radiation shield central cylinder assy
D	05059-13	2	2	B	ESR prototype cryostat radiation shield central cylinder component
D	05059-14	1	1	-	ESR prototype cryostat helium vessel waveguide bellows component assy
D	05059-15	1	1	-	ESR prototype cryostat vacuum vessel head bellows component assy
B	05059-19	1	1	-	Heat exchanger waveguide HOM
B	05059-25	1	1	-	Heat exchanger beam pipe
B	05059-27	1	1	-	Heat exchanger beam pipe
D	05059-28	1	1	C	ESR prototype cryostat vacuum vessel waveguide bellows component assy
D	05059-29	1	1	-	Heat exchanger waveguide input extension
B	05059-30	1	1	-	Heat exchanger waveguide extension I band input flange
B	05059-31	1	1	-	Heat exchanger waveguide extension I band input flange
B	05059-32	1	1	-	Heat exchanger waveguide input window lower
B	05059-34	1	1	-	Heat exchanger waveguide input window Ln jacket
B	05059-35	1	1	-	Heat exchanger beam pipe flange
B	05059-36	1	1	-	Heat exchanger waveguide input window middle flange
B	05059-37	1	1	-	Heat exchanger waveguide input window wave guide
D	05059-38	1	1	-	Heat exchanger waveguide input window copper frame
C	05059-39	1	1	A	Heat exchanger waveguide input window lower flange
D	05059-40	1	1	C	Heat exchanger waveguide HOM detail assy

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C	05059-42	1	1	-	Heat exchanger waveguide input window upper flange
D	05059-43	1	2	B	Waveguide input oil
D	05059-43	2	2	-	Heat exchanger waveguide input window assy
D	05059-44	2	2	-	Heat exchanger waveguide input window
D	05059-45	1	1	D	Waveguide teflon input window detail assy
B	05059-46	1	1	-	Waveguide HOM extension
C	05059-47	1	1	-	Heat exchanger waveguide extension I band input assy
D	05059-50	1	1	-	ESR prototype cryostat transition
C	05059-51	1	1	A	ESR prototype cryostat radiation shield N2 circuit
D	05059-52	1	3	-	ESR prototype cryostat carriage assy
D	05059-52	2	3	-	ESR prototype cryostat carriage assy
D	05059-52	3	3	-	ESR prototype cryostat carriage detail
D	05059-53	1	4	B	ESR prototype cryostat cavity suspension assy
D	05059-53	2	4	B	ESR prototype cryostat cavity suspension assy
D	05059-53	3	4	C	ESR prototype cryostat cavity suspension detail
D	05059-53	4	4	B	ESR prototype cryostat cavity suspension detail
D	05059-54	1	1	A	ESR prototype cryostat helium vessel suspension detail assy
D	05059-55	1	1	A	ESR prototype cryostat radiation shield suspension detail assy
B	05059-56	1	1	-	SRF control leveler amplifier
C	05059-57	1	1	A	ESR prototype cryostat pressure relief plate assy
B	05059-58	1	1	-	Heat exchanger waveguide input window flange
D	05059-60	1	2	E	Elliptical cavity cryostat beam test assy
D	05059-60	2	2	A	Elliptical cavity cryostat beam test assy
D	05059-62	1	12	E	Elliptical cavity mark II mark III detail
D	05059-62	2	12	C	Elliptical cavity mark II mark III section assy
D	05059-62	3	12	-	Elliptical cavity mark II mark III detail
D	05059-62	4	12	-	Elliptical cavity mark II mark III detail
D	05059-62	5	12	-	Elliptical cavity mark II mark III detail
D	05059-62	6	12	B	Elliptical cavity mark II mark III detail
D	05059-62	7	12	D	Elliptical cavity mark II mark III HOM Y detail
D	05059-62	8	12	B	Elliptical cavity mark II mark III detail
D	05059-62	9	12	A	Elliptical cavity mark II mark III detail
D	05059-62	10	12	C	Elliptical cavity mark II mark III HOM Y fundamental coupler isometric detail
D	05059-62	11	12	B	Elliptical cavity mark II mark III HOM Y isometric machine detail
D	05059-62	12	12	B	Elliptical cavity mark II mark III detail
D	05059-63	1	7	B	Heat exchanger waveguide HOM elliptical cavity assy
D	05059-63	2	7	-	Heat exchanger waveguide HOM elliptical cavity detail
D	05059-63	3	7	-	Heat exchanger waveguide HOM elliptical cavity detail
D	05059-63	4	7	-	Heat exchanger waveguide HOM elliptical cavity
D	05059-63	5	7	-	Heat exchanger waveguide HOM elliptical cavity detail
D	05059-63	6	7	A	Heat exchanger waveguide HOM elliptical cavity elbow detail sub-assy
D	05059-63	7	7	-	Heat exchanger waveguide HOM elliptical cavity load detail

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D	05059-65	1	5	B	Elliptical cavity HOM Y fundamental coupler stub assy
D	05059-65	2	5	B	Elliptical cavity HOM Y fundamental coupler stub section assy
D	05059-65	3	5	A	Elliptical cavity HOM Y fundamental coupler stub detail
D	05059-65	4	5	B	Elliptical cavity HOM Y fundamental coupler isometric view
D	05059-65	5	5	-	Elliptical cavity HOM Y fundamental coupler stub detail
D	05059-66	1	4	C	ESR prototype cryostat SRF elliptical cavity mechanical tuner assy
D	05059-66	2	4	B	ESR prototype cryostat SRF elliptical cavity mechanical tuner detail
D	05059-66	3	4	A	ESR prototype cryostat SRF elliptical cavity mechanical tuner detail sub-assy
D	05059-66	4	4	B	ESR prototype cryostat SRF elliptical cavity mechanical tuner detail sub-assy
D	05059-67	1	3	-	Transition round to square assy
D	05059-67	2	3	-	Transition round to square detail
D	05059-67	3	3	A	Transition round to square detail
D	05059-71	1	2	-	Waveguide vacuum core reducer assy
D	05059-71	2	2	-	Waveguide vacuum core reducer detail
D	05059-73	1	6	-	Elliptical cavity odd parts assy
D	05059-73	2	6	-	Elliptical cavity odd parts section assy
D	05059-73	3	6	-	Elliptical cavity odd parts detail
D	05059-73	4	6	-	Elliptical cavity HOM Y odd parts detail
D	05059-73	5	6	-	Elliptical cavity odd parts dogleg detail
D	05059-73	6	6	-	Elliptical cavity HOM odd parts cross detail
D	05059-74	1	4	-	ESR prototype cryostat SRF He pressure controller assy
D	05059-74	2	4	-	ESR prototype cryostat SRF He pressure controller detail
D	05059-74	3	4	-	ESR prototype cryostat SRF He pressure controller detail
D	05059-74	4	4	-	ESR prototype cryostat SRF He pressure controller detail sub-assy
D	05059-76	1	1	-	Cryostat internal wire horizontal
D	05059-77	1	3	B	Heat exchanger beam line assy
D	05059-77	2	3	A	Heat exchanger beam line detail
D	05059-77	3	3	A	Heat exchanger beam line detail sub-assy
D	05059-78	1	1	-	Cryostat vertex assy
D	05059-79	1	2	A	Elliptical cavity cryostat suspension assy
D	05059-79	2	2	A	Elliptical cavity cryostat suspension assy
B	05059-80	1	1	-	Elliptical cavity cryostat enter spider support plate
D	05059-81	1	3	A	Coupling adjust assy
D	05059-81	2	3	A	Coupling adjust detail
D	05059-81	3	3	B	Coupling adjust detail
D	05059-82	1	4	-	SRF cryogenic control system panel A
D	05059-82	2	4	-	SRF cryogenic control system panel B
D	05059-82	3	4	-	SRF cryogenic control system panel
D	05059-82	4	4	-	SRF cryogenic control system panel D
D	05059-85	1	4	-	Elliptical cavity tuner room temperature assy
D	05059-85	2	4	-	Elliptical cavity tuner room temperature detail sub-assy
D	05059-85	3	4	-	Elliptical cavity tuner room temperature detail

Size	0 DWG #	S	of	R	Title
D	05059-85	4	4	-	Elliptical cavity tuner room temperature detail
D	1650-103000-MD	1	1	-	Energy double pipe flow chart nomogram
C	1650-103720-MC	1	1	-	Sector test group double feed line assy
B	1650-103726-MB	1	1	-	Sector test group double feed line He 1 1/2 inch liquid line pipe weldment
B	1650-103727-MB	1	1	-	Sector test group double feed line nitrogen line pipe weldment 2 1/2 inch inner
B	1650-103728-MB	1	1	-	Sector test group double feed line nitrogen line pipe weldment 3 1/2 inch outer
B	1650-103729-MB	1	1	-	Sector test group double feed line 6 inch outer vacuum line pipe weldment
B	1650-103730-MB	1	1	-	Sector test group double feed line He feed tube assy
B	1650-103731-MB	1	1	-	Sector test group double feed line nitrogen feed tube assy
B	1650-103834-EC	1	1	-	Energy double actuator control valve refrigerator card schematic
D	1650-145304-MD	1	1	-	Sector test group transfer line 3 1/2 inch pipe 103726, 727, 728, 729, 730, 731, 720 assy
E	1650-145382-ME	1	5	-	Transfer line weldment procedure typical aerial view
E	1650-145382-ME	2	5	-	Transfer line bayonet can install procedure assy
E	1650-145382-ME	3	5	-	Transfer line weldment procedure section 80 feet
E	1650-145382-ME	4	5	-	Transfer line weldment procedure section special length
E	1650-145382-ME	5	5	-	Transfer line weldment procedure section cut to fit
E	1650-145383-ME	1	1	-	3 HP header between service bldg.
E	1650-145420-ME	1	1	F	Bayonet can u-tube nitrogen F1650MC 145434
E	1650-168047-ME	1	1	-	Transfer line cross section
C	1650-168430-MC	1	1	-	Heat exchanger group bottom plate assy
D	1650-168464-MC	1	1	-	2" bayonet assy
B	1650-168576-MB	1	1	-	Bayonet 2 1/2 ips female labyrinth seal
E	2214-220255-ME	1	1	-	Manifold tev 1 small quad 8 Gev line SQA magnet assy
D	2220.608-27842-MD	1	1	A	He refrigerator flow sheet
E	2220.608-27845-ME	1	1	B	Heat exchanger He liquefier 1 2
E	2220.608-27846-ME	1	1	C	Heat exchanger He liquefier 3
E	2220.608-27847-ME	1	1	-	Heat exchanger He liquefier 5 coil
E	2220.608-27848-ME	1	1	A	Heat exchanger He liquefier 5
E	2220.608-27849-ME	1	1	B	Heat exchanger He liquefier 6
D	2220.608-27850-MD	1	1	B	Heat exchanger detail
E	2220.608-27851-ME	1	1	A	Heat exchanger valve box assy
E	2220.608-27852-ME	1	1	B	Heat exchanger He liquefier 1 2 3
E	2220.608-27853-ME	1	1	A	Heat exchanger He liquefier 5 6
D	2220.608-27854-MD	1	1	A	Heat exchanger He liquefier assy
E	2220.608-27857-ME	1	1	A	He refrigerator valve box
E	2220.608-27858-ME	1	1	B	He refrigerator valve box bayonet assy
E	2220.608-27859-ME	1	1	B	He refrigerator valve v6 v7 v8 v13 v14 v15 assy
C	2220.608-27860-MC	1	1	A	He refrigerator valve box head top
C	2220.608-27861-MC	1	1	-	He refrigerator valve box head bottom
C	2220.608-27863-MC	1	1	A	He refrigerator valve box shield
C	2220.608-27876-MC	1	1	A	He refrigerator ti pi tube install
D	2220.608-27908-MD	1	1	-	Heat exchanger valve box saddle assy

Size	0 DWG #	S	of	R	Title
E	2220.608-27917-ME	1	1	-	Heat exchanger pipe refrigerator system
E	<u>27842-1ME</u>	1	1	-	Cornell-Fermi
E	<u>27844-1ME</u>	1	1	-	Cornell-Fermi
E	<u>27847-1ME</u>	1	1	-	Heat exchanger He liquefier 4 beam transport coil
D	428-107716-MD	1	1	-	Ln2 reservoir energy saver rough cart cold trap
D	428-107717-MD	1	1	-	Ln2 reservoir energy saver rough cart cold trap shell
E	9150-129369-ME	1	1	-	Absorber tank 24 inch assy
B	9150-129377-MB	1	1	-	He stream deflection disk
D	9150-129470-MD	1	1	-	Absorber tank type 2 1/16 inch conical sieve 24 inch
D	9150-129471-MD	1	1	-	Absorber tank type 2 1/8 inch 24 inch conical sieve
B	9150-129472-MB	1	1	-	Molecular sieve tank 18 inch mesh wire mesh filter 20 type 3
B	9150-129473-MB	1	1	-	Molecular sieve tank 18 inch mesh wire mesh filter 100 type 3
B	9150-129474-MB	1	1	-	Absorber tank type 2 20 mesh wire mesh filter 24 inch tank
B	9150-129475-MB	1	1	-	Absorber tank type 2 100 mesh wire mesh filter 24 inch tank
D	9150-129477-MD	1	1	-	Absorber tank type 2 cap 24 inch assy
C	9150-129539-MC	1	1	-	Absorber tank 24 inch cap reinforcement assy
E	9150-129660-ME	1	1	-	Refrigerator satellite skid absorber assy
C	9150-129661-MC	1	1	-	Refrigerator satellite skid blind flange assy
C	9150-129662-MC	1	1	-	Refrigerator satellite skid spool piece assy
E	9150-129664-ME	1	1	-	Refrigerator satellite skid system oil removal base
E	9150-129687-ME	1	1	-	Coalescer tank monsanto filter 18 inch pipe 2 inch butt end
C	9150-129708-MC	1	1	-	Coalescer tank monsanto filter leg extension
C	9150-129735-MC	1	1	-	Coalescer tank monsanto filter leg extension 30° off set
C	9200	1	1	-	CRF offset panel
C	9201	1	1	-	CRF test hookup
D	9202	1	2	-	RF loop amp leveler modulator
D	9202	2	2	-	RF loop amp frequency lock
D	9204	1	2	-	RF modulator sweeper
D	9204	2	2	-	RF modulator sweeper
D	9205	1	1	-	RF resistor read out box
D	9206	1	1	-	RF thermometer current source
D	9212	1	1	-	RF bead pull electronic X Y sweep
D	9213	1	1	-	RF klystron phase loop amplifier
D	9214	1	1	-	RF pin diode attenuator driver
D	9216	1	1	-	RF amplitude program ref
D	9217	1	1	-	RF mark I niobium stamp up
D	9218	1	1	-	RF mark II niobium stamp up
D	9219	1	1	-	RF mark II niobium stamp up X band
D	9220	1	1	-	RF power probe vent temperature interlock
D	9221	1	1	-	RF detector electron load varion over pressure
D	9222	1	1	-	RF control panel
D	9227	1	1	-	RF pot read out power supply

Size	0 DWG #	S	of	R	Title
D	9233	3		-	RF LMT 5 ell cavity detail
D	9233	4		-	RF LMT 5 ell cavity detail
D	9234	1	3	-	RF waveguide HOM parts external
D	9234	2	3	-	RF waveguide HOM parts external
D	9234	3	3	-	RF waveguide HOM parts external
D	9235	1	2	-	RF LMT 5 probe assy
D	9235	2	2	-	RF LMT 5 probe detail
D	9236	1	3	-	RF LMT 5 tuner mechanism detail
D	9236	2	3	-	RF LMT 5 tuner mechanism detail
D	9236	3	3	-	RF LMT 5 tuner mechanism detail
D	9237	1	2	-	RF waveguide 650 1/32 inch ss bellows die
D	9237	2	2	-	RF waveguide 650 1/32 inch ss bellows die
D	9238	1	4	-	RF beam line mark I end section assy
D	9238	2	4	-	RF beam line mark II end section assy
D	9238	3	4	-	RF beam line end section taper cermet coat
D	9238	4	4	-	RF beam line end section pump out section
D	9239	1	5	-	RF synchrotron light stop assy
D	9239	2	5	-	RF synchrotron light stop detail
D	9239	3	5	-	RF synchrotron light stop detail
D	9239	4	5	-	RF synchrotron light stop detail
D	9239	5	5	-	RF synchrotron light stop q9 q10 east
D	9241	1	4	-	RF LMT 5 waveguide ell elbow assy
D	9241	2	4	-	RF LMT 5 waveguide ell elbow detail
D	9241	3	4	-	RF LMT 5 waveguide ell elbow detail
D	9241	4	4	-	RF LMT 5 waveguide ell elbow detail
D	9243	1	3	-	RF bellows feed
D	9243	2	3	-	RF bellows feed
D	9243	3	3	-	RF HOM bellows
D	9244	1	1	-	RF flange
D	9245	1	1	-	RF flange
D	9246	1	3	-	RF LMT 5 waveguide ell niobium straight run assy
D	9246	2	3	-	RF LMT 5 waveguide ell niobium straight run detail
D	9246	3	3	-	RF LMT 5 waveguide niobium straight run detail
D	9248	1	1	-	RF LMT taper plate
D	9250	1	1	-	RF PS module +5 +5 volt
D	9252	1	1	-	RF power multi-plexer temperature board
D	9259	1	1	-	RF sink specs