



NOTES:

1. LEAK TEST: 150 PSI, NO BUBBLES 11 MINUTES MINIMUM.
2. HYPOT 630 VDC 500 MW 0.01 SEC MINIMUM, WIRE TO WIRE.
3. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
4. PERCENTAGE OF PARTS TESTED WILL BE 100% (MAY BE A LESSER PERCENTAGE FOR LARGE PRODUCTION QUANTITIES, UNLESS OTHERWISE NOTED OR REQUIRED).
5. WIRES ARE NOT REQUIRED TO BEND SHARPLY AT EPOXY SEAL SURFACE.
6. ATTACH MATCHING PERMANENT LABELS (BRADY WIRE MARKERS) TO BOTH ENDS OF EACH THERMOCOUPLE CABLE USING DESIGNATIONS "TC01" "TC02" & "TC03".
7. LABEL "MED00199-1-XXX" (XXX IS SERIAL NUMBER) "REV X" (X IS CURRENT NASA DWG REVISION; USE "-" FOR INITIAL RELEASE) & "MFR-67744", WITH 0.10 HIGH CHARACTERS.
8. NO VOIDS LARGER THAN $\phi 0.035$ ARE ACCEPTABLE.

72	1	THS-635W	MARKER SHRINK-TAG .75	36	1@22'	TFE28 W/OGY	WIRE 28 TEFLON M22759/12-28-938 7/#36 .009
71	226"	PTFE 1/2-9/16	TUBING 1/2" ID X 9/16 OD PTFE	35	1@22'	TFE28 W/OV	WIRE 28 TEFLON M22759/12-28-937 7/#36 .009
70	226"	PTFE 1/8-3/16	TUBING 1/8" ID X 3/16" OD	34	1@22'	TFE28 W/OBU	WIRE 28 TEFLON M22759/12-28-936 7/#36 .009
69	A/R	SUPER O-LUBE	LUBRICANT O-RING SILICONE-BASED	33	1@22'	TFE28 W/OGN	WIRE 28 TEFLON M22759/12-28-935 7/#36 .009
68	3P@22'	KT30	CABLE T/C TYPE K 30AWG TEFLON	32	1@22'	TFE28 W/OY	WIRE 28 TEFLON M22759/12-28-934 7/#36 .009
67	2	-128 VITON	O-RING -128 VITON 75	31	1@22'	TFE28 W/RGY	WIRE 28 TEFLON M22759/12-28-928 7/#36 .009
66	A/R	PAVE-Seal 150	EPOXY BLACK	30	1@22'	TFE28 W/RV	WIRE 28 TEFLON M22759/12-28-927 7/#36 .009
65	1@22'	TFE28 W/BKY/GN	WIRE 28 TEFLON M22759/12-28-9045 7/#36 .009	29	1@22'	TFE28 W/R/BU	WIRE 28 TEFLON M22759/12-28-926 7/#36 .009
64	1@22'	TFE28 W/BK/OGY	WIRE 28 TEFLON M22759/12-28-9038 7/#36 .009	28	1@22'	TFE28 W/R/GN	WIRE 28 TEFLON M22759/12-28-925 7/#36 .009
63	1@22'	TFE28 W/BK/OY	WIRE 28 TEFLON M22759/12-28-9037 7/#36 .009	27	1@22'	TFE28 W/R/Y	WIRE 28 TEFLON M22759/12-28-924 7/#36 .009
62	1@22'	TFE28 W/BK/OBU	WIRE 28 TEFLON M22759/12-28-9036 7/#36 .009	26	1@22'	TFE28 W/R/O	WIRE 28 TEFLON M22759/12-28-923 7/#36 .009
61	1@22'	TFE28 W/BK/OGN	WIRE 28 TEFLON M22759/12-28-9035 7/#36 .009	25	1@22'	TFE28 W/BRGY	WIRE 28 TEFLON M22759/12-28-918 7/#36 .009
60	1@22'	TFE28 W/BK/OY	WIRE 28 TEFLON M22759/12-28-9034 7/#36 .009	24	1@22'	TFE28 W/BRV	WIRE 28 TEFLON M22759/12-28-917 7/#36 .009
59	1@22'	TFE28 W/BK/RGY	WIRE 28 TEFLON M22759/12-28-9028 7/#36 .009	23	1@22'	TFE28 W/BR/BU	WIRE 28 TEFLON M22759/12-28-916 7/#36 .009
58	1@22'	TFE28 W/BK/RV	WIRE 28 TEFLON M22759/12-28-9027 7/#36 .009	22	1@22'	TFE28 W/BR/GN	WIRE 28 TEFLON M22759/12-28-915 7/#36 .009
57	1@22'	TFE28 W/BK/R/BU	WIRE 28 TEFLON M22759/12-28-9026 7/#36 .009	21	1@22'	TFE28 W/BR/Y	WIRE 28 TEFLON M22759/12-28-914 7/#36 .009
56	1@22'	TFE28 W/BK/R/GN	WIRE 28 TEFLON M22759/12-28-9025 7/#36 .009	20	1@22'	TFE28 W/BR/O	WIRE 28 TEFLON M22759/12-28-913 7/#36 .009
55	1@22'	TFE28 W/BK/R/Y	WIRE 28 TEFLON M22759/12-28-9024 7/#36 .009	19	1@22'	TFE28 W/BR/R	WIRE 28 TEFLON M22759/12-28-912 7/#36 .009
54	1@22'	TFE28 W/BK/R/O	WIRE 28 TEFLON M22759/12-28-9023 7/#36 .009	18	1@22'	TFE28 W/BK/GY	WIRE 28 TEFLON M22759/12-28-908 7/#36 .009
53	1@22'	TFE28W/BK/BRGY	WIRE 28 TEFLON M22759/12-28-9018 7/#36 .009	17	1@22'	TFE28 W/BK/V	WIRE 28 TEFLON M22759/12-28-907 7/#36 .009
52	1@22'	TFE28 W/BK/BRV	WIRE 28 TEFLON M22759/12-28-9017 7/#36 .009	16	1@22'	TFE28 W/BK/BU	WIRE 28 TEFLON M22759/12-28-906 7/#36 .009
51	1@22'	TFE28W/BK/BR/BU	WIRE 28 TEFLON M22759/12-28-9016 7/#36 .009	15	1@22'	TFE28 W/BK/GN	WIRE 28 TEFLON M22759/12-28-905 7/#36 .009
50	1@22'	TFE28W/BK/BR/GN	WIRE 28 TEFLON M22759/12-28-9015 7/#36 .009	14	1@22'	TFE28 W/BK/Y	WIRE 28 TEFLON M22759/12-28-904 7/#36 .009
49	1@22'	TFE28 W/BK/BR/Y	WIRE 28 TEFLON M22759/12-28-9014 7/#36 .009	13	1@22'	TFE28 W/BK/O	WIRE 28 TEFLON M22759/12-28-903 7/#36 .009
48	1@22'	TFE28 W/BK/BR/O	WIRE 28 TEFLON M22759/12-28-9013 7/#36 .009	12	1@22'	TFE28 W/BK/R	WIRE 28 TEFLON M22759/12-28-902 7/#36 .009
47	1@22'	TFE28 W/BK/BR/R	WIRE 28 TEFLON M22759/12-28-9012 7/#36 .009	11	1@22'	TFE28 W/BK/BR	WIRE 28 TEFLON M22759/12-28-901 7/#36 .009
46	1@22'	TFE28 W/Y/GY	WIRE 28 TEFLON M22759/12-28-918 7/#36 .009	10	1@22'	TFE28 W/YG	WIRE 28 TEFLON M22759/12-28-98 7/#36 .009
45	1@22'	TFE28 W/BU/GY	WIRE 28 TEFLON M22759/12-28-968 7/#36 .009	9	1@22'	TFE28 W/V	WIRE 28 TEFLON M22759/12-28-97 7/#36 .009
44	1@22'	TFE28 W/BU/V	WIRE 28 TEFLON M22759/12-28-967 7/#36 .009	8	1@22'	TFE28 W/BU	WIRE 28 TEFLON M22759/12-28-96 7/#36 .009
43	1@22'	TFE28 W/IGN/GY	WIRE 28 TEFLON M22759/12-28-958 7/#36 .009	7	1@22'	TFE28 W/IGN	WIRE 28 TEFLON M22759/12-28-95 7/#36 .009
42	1@22'	TFE28 W/IGN/V	WIRE 28 TEFLON M22759/12-28-957 7/#36 .009	6	1@22'	TFE28 W/YG	WIRE 28 TEFLON M22759/12-28-94 7/#36 .009
41	1@22'	TFE28 W/IGN/BU	WIRE 28 TEFLON M22759/12-28-956 7/#36 .009	5	1@22'	TFE28 W/O	WIRE 28 TEFLON M22759/12-28-93 7/#36 .009
40	1@22'	TFE28 W/Y/GY	WIRE 28 TEFLON M22759/12-28-948 7/#36 .009	4	1@22'	TFE28 W/R	WIRE 28 TEFLON M22759/12-28-92 7/#36 .009
39	1@22'	TFE28 W/Y/V	WIRE 28 TEFLON M22759/12-28-947 7/#36 .009	3	1@22'	TFE28 W/BR	WIRE 28 TEFLON M22759/12-28-91 7/#36 .009
38	1@22'	TFE28 W/Y/BU	WIRE 28 TEFLON M22759/12-28-946 7/#36 .009	2	1@22'	TFE28 W/BK	WIRE 28 TEFLON M22759/12-28-90 7/#36 .009
37	1@22'	TFE28 W/Y/GN	WIRE 28 TEFLON M22759/12-28-945 7/#36 .009	1	1@22'	TFE28 W/HT	WIRE 28 TEFLON M22759/12-28-9 7/#36 .009
ITEM	QTY	PART#	DESCRIPTION	ITEM	QTY	PART#	DESCRIPTION

ALL DIMENSIONS AND TOLERANCES APPLY TO FINISHED PART IN INCHES
 ALLOWABLE TOLERANCES UNLESS SPECIFIED OTHERWISE: NONE +/-0.5
 .X DECIMAL +/- 0.1 .XX DECIMAL +/- 0.02 .XXX DECIMAL +/-0.005
 ANGLES +/- 1 DEG SURFACE FINISH 128 microinch RMS



DESCRIPTION PAVE-Seal® Cable Harnesses

SP25Y-E-150-65/3P-TFE28/KT30-240-24

PART NUMBER
2502

REVISION LEVEL
A

PROJECTION