



WIRING CHART		
PIN	ITEM#	SHIELDING
A	4	PIN A THRU H SHIELDED BY PIN J
B	5	
C	6	
D	7	
E	8	
F	9	
G	10	
H	11	PIN L & M SHIELDED BY PIN K
J	22	
K	24	
L	12	PIN N & P SHIELDED BY PIN R
M	13	
N	14	
P	15	
R	24	
S	16	N/A
T	17	N/A
U	18	N/A
V	19	N/A
W	20	N/A
X	21	N/A

27	1	M85049/52-1-22N	S/R FOR MS3476L22	22	1	TUBULAR BRD 1/4	TUBULAR BRAID 1/4" ALPHA 2171
26	1	MS3476L22-21P	PLUG 21 #16 PINS CRIMP 26482 SERIES II	21	1	E16 WHITE	WIRE 16E MIL-W-16878/4 .010 19/#29
25	2	FIT-221-3/16	TUBING SHRINK 3/16" IRR POLY	20	1	E16 RED	WIRE 16E MIL-W-16878/4 .010 19/#29
24	2	TUBULAR BRD 1/8	TUBULAR BRAID 1/8" ALPHA 2166	19	1	E16 ORANGE	WIRE 16E MIL-W-16878/4 .010 19/#29
23	1	FIT-221-3/8	TUBING SHRINK 3/8" IRR POLY	18	1	E16 GREEN	WIRE 16E MIL-W-16878/4 .010 19/#29
ITEM	QTY	PART NUMBER	DESCRIPTION	17	1	E16 GRAY	WIRE 16E MIL-W-16878/4 .010 19/#29
				16	1	E16 BLACK	WIRE 16E MIL-W-16878/4 .010 19/#29
				15	1	E20 YLW/WHT	WIRE 20E MIL-W-16878/4 .010 7/#28
				14	1	E20 YLW/RED	WIRE 20E MIL-W-16878/4 .010 7/#28
				13	1	E20 YELLOW	WIRE 20E MIL-W-16878/4 .010 7/#28
				12	1	E20 WHITE	WIRE 20E MIL-W-16878/4 .010 7/#28
				11	1	E20 VIOLET	WIRE 20E MIL-W-16878/4 .010 7/#28
				10	1	E20 RED	WIRE 20E MIL-W-16878/4 .010 7/#28
				9	1	E20 ORG	WIRE 20E MIL-W-16878/4 .010 7/#28
				8	1	E20 GREEN	WIRE 20E MIL-W-16878/4 .010 7/#28
				7	1	E20 GRAY	WIRE 20E MIL-W-16878/4 .010 7/#28
				6	1	E20 BROWN	WIRE 20E MIL-W-16878/4 .010 7/#28
				5	1	E20 BLUE	WIRE 20E MIL-W-16878/4 .010 7/#28
				4	1	E20 BLACK	WIRE 20E MIL-W-16878/4 .010 7/#28
				3	1	771L22-21S460	RCPT 21#16 EPOXY INSERT SOCKET
				2	A/R	PAVE-Seal 150	EPOXY BLACK
				1	1	3558	HOUSING NW50-SS
ITEM	QTY	PART NUMBER	DESCRIPTION				

NOTES:

- HE LEAK TEST VACUUM 10X10⁻⁷ CC/SEC OR LESS.
- HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE, SHIELDS AND HOUSING USING MATING CONNECTOR.
- ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
- ALL PARTS MUST PASS ALL TESTS.
- WIRE POSITIONING IS APPROXIMATE & VARIABLE.
- VOIDS SMALLER THAN $\phi 0.035$ [.89] ARE ACCEPTABLE.
- REF-OPERATING TEMPERATURE -20°C TO 125°C.
- DIMENSIONS ARE INCHES [millimeters].
- ITEMS 26 & 27 ARE INCLUDED BUT NOT SHOWN.

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

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DESCRIPTION
 NW50-SS-150-15/6-TE20/TE16-72-771L22S

PART NUMBER
3542

MATERIAL NOTED

REVISION LEVEL
 A

PROJECTION