



WIRING CHART		
PIN	ITEM#	SHIELDING
A	11	PINS B, C, & D ARE SHIELDED BY PIN A
B	4	
C	5	
D	6	
E	7	N/A
F	8	N/A
G	9	N/A
H	10	N/A

**NOTES:**

1. HE LEAK TEST VACUUM 10X10<sup>-7</sup> CC/SEC OR LESS.
2. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE, SHIELD AND HOUSING USING MATING CONNECTOR.
3. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
4. ALL PARTS MUST PASS ALL TESTS.
5. WIRE POSITIONING IS APPROXIMATE & VARIABLE.
6. VOIDS SMALLER THAN Ø0.035 [.89] ARE ACCEPTABLE.
7. REF-OPERATING TEMPERATURE -20°C TO 125°C.
8. DIMENSIONS ARE INCHES [millimeters].
9. ITEMS 13 & 14 ARE INCLUDED BUT NOT SHOWN.

14	1	M85049/52-1-18N	S/R FOR MS3456LS18
13	1	MS3476L18-8P	PLUG 8#12 PIN CRIMP 26482 SERIES II
12	1	FIT-221-3/8	TUBING SHRINK 3/8" IRR POLY
11	1	TUBULAR BRAID 1/4	TUBULAR BRAID 1/4" ALPHA 2171
10	1	E16 GREEN	WIRE 16EE MIL-W-16878/5 .015 19/#29
9	1	E16 GRAY	WIRE 16EE MIL-W-16878/5 .015 19/#29
8	1	E16 ORANGE	WIRE 16E MIL-W-16878/5 .015 19/#29
7	1	E14 BLUE	WIRE 14E MIL-W-16878/5 .015 19/#29
6	1	E12 WHITE	WIRE 16EE MIL-W-16878/5 .015 19/#29
5	1	E12 RED	WIRE 16EE MIL-W-16878/5 .015 19/#29
4	1	E12 BLACK	WIRE 12E MIL-W-16878/5 .015 19/#29
3	1	771L18-8S	RCPT 8#12 EPOXY INSERT SOCKET
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	3558	HOUSING NW50-SS
ITEM	QTY	PART NUMBER	DESCRIPTION

**PAVE technology co.**

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DESCRIPTION  
NW50-SS-150-4/1/3-TE12/14/16-72-771L18S

PART NUMBER  
**3543**

MATERIAL NOTED

REVISION LEVEL -

PROJECTION

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