



- NOTES:
- HE LEAK TEST @1 ATM. 10×10^{-7} CC/S OR LESS.
 - HYPOT 630 VDC 500 MΩ 0.01 SEC MINIMUM, WIRE TO WIRE.
 - ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
 - ALL PARTS MUST PASS ALL TESTS.
 - WIRES ARE NOT REQUIRED TO BEND SHARPLY AT EPOXY SEAL SURFACE.
 - WIRE COLOR POSITIONS ARE VARIABLE.
 - NO COSMETIC SURFACE VOIDS ARE ACCEPTABLE ON O-RING SEALING SURFACES, COSMETIC SURFACE VOIDS SMALLER THAN $\phi.035$ [$\phi.89$] ARE ACCEPTABLE ON ALL OTHER SURFACES.
 - REF-PARTS ARE DEFLASHED ON PARTING LINE $+.005$ [0.13] MAXIMUM.
 - DIMENSION IS OVER-ALL-LENGTH EXCLUDING OVERFILL ON ATMOSPHERE SIDE OF HOUSING.
 - REF-OPERATING TEMPERATURE RANGE -20°C TO 125°C .
 - DIMENSIONS ARE INCHES [millimeters].
 - PAVE-SEAL CAN BE A BI-DIRECTIONAL HERMETIC SEAL FOR VACUUM AND MOST PRESSURES. FOR PRESSURES ABOVE 150 PSI (10 BAR), CHECK WITH SALES ENGINEERING.

14	1	E28 BLACK	WIRE 28E MIL-W-16878/4 .010 7/#36
13	1	E28 BLUE	WIRE 28E MIL-W-16878/4 .010 7/#36
12	1	E28 BROWN	WIRE 28E MIL-W-16878/4 .010 7/#36
11	1	E28 GRAY	WIRE 28E MIL-W-16878/4 .010 7/#36
10	1	E28 GREEN	WIRE 28E MIL-W-16878/4 .010 7/#36
9	1	E28 VIOLET	WIRE 28E MIL-W-16878/4 .010 7/#36
8	1	E28 YELLOW	WIRE 28E MIL-W-16878/4 .010 7/#36
7	1	E28 ORANGE	WIRE 28E MIL-W-16878/4 .010 7/#36
6	1	E28 RED	WIRE 28E MIL-W-16878/4 .010 7/#36
5	1	E28 WHITE	WIRE 28E MIL-W-16878/4 .010 7/#36
4	A/R	FOMBLIN YVAC 3	LUBRICANT O-RING FOMBLIN GREASE
3	1	-016 VITON	O-RING -016 VITON 75
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	0130	HOUSING SPF12-E
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

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PAVE technology co.

DESCRIPTION **PAVE-Seal® Cable Harnesses**
SPF12-E-150-10-TE28-12-10

PART NUMBER **2104**

REVISION LEVEL **B**

PROJECTION