



- NOTES:
- WIRES ON LOW PRESSURE SIDE & WHERE STRIPPED OF INSULATION TO HAVE 0.028 [0.7] MINIMUM SEPARATION.
 - LEAK TEST, 100% OF UNITS: 80 PSI, NO VISIBLE LEAKS; 1 PER BATCH OF 250: 1400 PSI, NO VISIBLE LEAKS, 2 MINUTES MINIMUM.
 - ELECTRICAL TEST: 1000 VDC, 100 MEGOHMS MIN WIRE TO WIRE.
 - HELIUM LEAK TEST 15% OF UNITS 1×10^{-7} CC/SEC @ 1 ATM.
 - WIRE BENDING TEST: WIRE MUST BE FREE TO BEND 90° WITHIN 0.08 [2] OF HOUSING EXIT AT BOTH ENDS.
 - IF ANY UNITS FAIL 15% TESTING, ALL UNITS IN THE BATCH MUST BE TESTED.
 - (OPERATING TEMPERATURE RANGE -15°C TO 150°C).
 - WIRE COLOR ARRANGEMENT CAN VARY.
 - NO VOIDS ARE ACCEPTABLE ON O-RING SEALING SURFACES, VOIDS SMALLER THAN $\phi 0.035$ [0.89] ARE ACCEPTABLE ON ALL OTHER SURFACES.
 - DIMENSIONS ARE INCHES [millimeters].
 - DIMENSION IS OVER-ALL-LENGTH EXCLUDING OVERFILL ON ATMOSPHERE SIDE OF HOUSING.
 - (PARTS ARE DEFLASHED ON PARTING LINE +0.005 [0.13] MAX.)

15	A/R	PAVE-Seal 150	EPOXY BLACK
14	1	-015OROR1611298	O-RING -015 HYDROGENATED NITRILE BLACK 75 DUROMETER
13	1	E24 YELLOW	WIRE 24E MIL-W-16878/4 .010 7/#32
12	1	E24 WHITE	WIRE 24E MIL-W-16878/4 .010 7/#32
11	1	E24 RED	WIRE 24E MIL-W-16878/4 .010 7/#32
10	1	E24 PURPLE	WIRE 24E MIL-W-16878/4 .010 7/#32
9	1	E24 ORANGE	WIRE 24E MIL-W-16878/4 .010 7/#32
8	1	E24 GREEN	WIRE 24E MIL-W-16878/4 .010 7/#32
7	1	E24 GRAY	WIRE 24E MIL-W-16878/4 .010 7/#32
6	1	E24 BROWN	WIRE 24E MIL-W-16878/4 .010 7/#32
5	1	E24 BLUE	WIRE 24E MIL-W-16878/4 .010 7/#32
4	1	E24 BLACK	WIRE 24E MIL-W-16878/4 .010 7/#32
3	1	1374	HOUSING SP11L-E
2	A/R	SUPER O-LUBE	LUBRICANT O-RING SILICONE-BASED
1	1	-015 VITON	O-RING -015 VITON 70 BROWN
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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DESCRIPTION PAVE-Seal Cable Harnesses
 SP11L-E-150-10-TE24-60-27cm
 PART NUMBER 2316
 REVISION LEVEL F
 PROJECTION