



- NOTES:
- LEAK TEST AS FOLLOWS, A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE SPECIFIED TEST.
3480 ONLY: HE LEAK TEST @ 1 ATM. 1×10^{-7} CC/SEC OR LESS.
3480-1 ONLY: 250 PSI, NO BUBBLES 30 SECONDS MINIMUM.
 - ELECTRICAL TEST: 1500 VAC, <2 mA LEAKAGE WIRE TO WIRE, 1 MINUTE MINIMUM.
 - ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
 - ALL PARTS MUST PASS ALL TESTS.
 - WIRE POSITIONING IS APPROXIMATE & VARIABLE.
 - COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:
 $\leq .5$ [12.7] SEAL DIAMETER: $\phi .035$ [.89] MAX ALLOWED VOID SIZE
 $> .5$ [12.7] SEAL DIAMETER: $\phi .060$ [1.5] MAX ALLOWED VOID SIZE
 - DIMENSION IS OVER-ALL-LENGTH EXCLUDING OVERFILL ON PRESSURE SIDE OF HOUSING.
 - REF-OPERATING TEMPERATURE RANGE -55°C TO 125°C .
 - REF-PARTS ARE DEFLASHED ON PARTING LINE $+0.005$ [0.13] MAX.
 - DIMENSIONS ARE INCHES [millimeters].
 - WIRE BEND RADIUS AFTER EXIT FROM SEAL WHEN INSTALLED IN PUMP IS $(R .20)$ [5.1].
 - 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.

PAVE#	ITEM 8	ITEM 8 DESCRIPTION
3480	FOMBLIN YVAC 3	LUBRICANT O-RING FOMBLIN GREASE
3480-1	SUPER O-LUBE	LUBRICANT O-RING SILICONE-BASED

ITEM	QTY	PART NUMBER	DESCRIPTION
8	A/R	SEE TABLE	SEE TABLE
7	2	M25988/1-012	O-RING -012 FLUOROSILICONE 70
6	1	TFEMF18 WHITE	WIRE TFEMF 18 AWG M22759/6-18-9
5	1	TFEMF18 RED	WIRE TFEMF 18 AWG M22759/6-18-2
4	1	TFEMF18 GREEN	WIRE TFEMF 18 AWG M22759/6-18-5
3	1	TFEMF18 BLACK	WIRE TFEMF 18 AWG M22759/6-18-0
2	A/R	PAVE-Seal 200	EPOXY BLACK
1	1	1226M	HOUSING SP8M-E

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DESCRIPTION
SP8M-E-200-4-TE18-37-12

PART NUMBER SEE TABLE & NOTE 1
3480

MATERIAL NOTED

REVISION LEVEL D

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