



NOTES:

1. LEAK TEST: 600 PSI N2, NO BUBBLES 1 MINUTE MINIMUM. QUALIFICATION ONLY: 1100 PSI N2, NO BUBBLES 1 MINUTE MINIMUM.
2. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE.
3. ITEMS 4, 5, 6, 7, 8, & 9 WILL BE SHIPPED LOOSE WITH PART.
4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
5. ALL PARTS MUST PASS ALL TESTS.
6. NO VOIDS ARE ACCEPTABLE ON O-RING SEALING SURFACES, VOIDS SMALLER THAN $\phi 0.035$ [.89] ARE ACCEPTABLE ON ALL OTHER SURFACES.
7. REF-OPERATING TEMPERATURE -40°C TO 105°C.
8. DIMENSIONS ARE INCHES [millimeters].
9. 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.

13	A/R	PARKER O-LUBE	LUBRICANT O-RING BARIUM-BASED
12	2	-219 BUNA	O-RING -219 BUNA 75
11	8	SVH-21T-P1.1	CONTACT 22-18AWG SOCKET JST
10	16	SVF-61T-P2.0	CONTACT 20-14AWG SOCKET JST
9	1	VLP-06V	CONNECTOR 6 CIRCUIT JST
8	1	VHR-5N	CONNECTOR 5 CIRCUIT TYPE N JST
7	1	VHR-4N	CONNECTOR 4 CIRCUIT TYPE N JST
6	2	VLR-02V	CONNECTOR 2 CIRCUIT JST
5	1	VLR-04V	CONNECTOR 4 CIRCUIT JST
4	1	VLR-04VN	CONNECTOR 4 CIRCUIT SINGLE ROW JST
3	6	PC20 UL1569 RED	WIRE 20PVC UL1569 .016 7/#28
2	6	PC20 UL1569 BLK	WIRE 20PVC UL1569 .016 7/#28
1	A/R	PAVE-Seal 150	EPOXY BLACK
ITEM	QTY	PART NUMBER	DESCRIPTION

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
SP25-E-150-12-PC20-300mmT-300mmT

PART NUMBER	MATERIAL	NOTED
4025	REVISION LEVEL	A
	PROJECTION	