



- NOTES:
- HE LEAK TEST VACUUM  $10 \times 10^{-8}$  CC/SEC OR LESS.
  - HYPOT 5000 VDC,  $5 \mu\text{A}$  MAXIMUM LEAKAGE WIRE TO WIRE AND HOUSING.
  - CONTINUITY CHECK: FOR PAVE 3762  $< 14 \text{ m}\Omega$  PIN TO WIRE END FOR PAVE 3762-1  $< 6.7 \text{ m}\Omega$  PIN TO CONTACT.
  - ITEMS 6, 7, & 8 ARE INCLUDED WITH PAVE 3762-1 ONLY.
  - ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
  - ALL PARTS MUST PASS ALL TESTS.
  - WIRES ARE NOT REQUIRED TO BEND SHARPLY AT EPOXY SEAL SURFACE.
  - VOIDS LARGER THAN  $\phi 0.035$  [.89] ARE NOT ACCEPTABLE.
  - REF-OPERATING TEMPERATURE  $-20^\circ\text{C}$  TO  $125^\circ\text{C}$ .
  - BAG AND TAG INDIVIDUALLY WITH CAGE CODES: "FLIR 64869-4116866 Rev 2" AND "PAVE 67744-3762 Rev D", FOR 3762-1 ADD "FLIR 64869-4118903 Rev (CURRENT REV LEVEL PER PURCHASE ORDER)".
  - 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.

PART#	"X"	DESCRIPTION
3762	$6.00 \pm .25$ [ $152.3 \pm 6.4$ ]	FL20/8-AL-150-2-TE24-PIN-6
3762-1	$1.80 \pm .06$ [ $45.7 \pm 1.5$ ]	FL20/8-AL-150-2-TE24-PIN-2T

ITEM	QTY	PART NUMBER	DESCRIPTION
8	2	MFP-3/32 CLR	TUBING SHRINK KYNAR 3/32 CLEAR 3M
7	2	0326-2-19-01-06	CONTACT #20-#24 PIN RCPT MILL-MAX # 0326-2-19-01-06-27-10-0
6	A/R	SAC305	SOLDER SAC305 FAST CORE
5	1	-014 BUTYL	O-RING -014 BUTYL 70
4	2	M39029/58-363	CONTACT #20 PIN GOLD PLATED
3	2	178-8072	CABLE .025 19STR HIGH VOLTAGE
2	1	PAVE-Seal 150	EPOXY BLACK
1	1	3789	HOUSING ALUMINUM FL20/8 6061-T6

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DESCRIPTION  
\*SEE TABLE

PART NUMBER  
**3762\***

MATERIAL NOTED

REVISION LEVEL  
F

PROJECTION

ALL DIMENSIONS AND TOLERANCES APPLY TO FINISHED PART IN INCHES.  
ALLOWABLE TOLERANCES UNLESS SPECIFIED OTHERWISE: NONE  $\pm 0.5$   
X.X DECIMAL  $\pm 0.1$  X.XX DECIMAL  $\pm 0.02$  X.XXX DECIMAL  $\pm 0.005$   
ANGLES  $\pm 1$  DEGREE SURFACE FINISH 128 microinch RMS