



ITEM#	WIRE COLOR	POSITION	
5	RED	A	PAIR
6	YELLOW	B	
5	RED	M	PAIR
6	YELLOW	N	
5	RED	L	PAIR
6	YELLOW	U	
5	RED	K	PAIR
6	YELLOW	J	
5	RED	C	PAIR
6	YELLOW	P	
5	RED	V	PAIR
6	YELLOW	T	
5	RED	E	PAIR
6	YELLOW	D	
5	RED	F	PAIR
6	YELLOW	R	
5	RED	G	PAIR
6	YELLOW	S	

NOTES:

1. HE LEAK TEST @ 1 ATM. 10^{-6} CC/S.
2. HYPOT 630 VDC 500 MEGAOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE AND HOUSING.
3. CONTINUITY TEST <math><0.5</math> Ohms CONTACT TO WIRE END.
4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
5. PERCENTAGE OF PARTS TESTED WILL BE 100% (MAY BE A LESSER PERCENTAGE FOR LARGE PRODUCTION QUANTITIES, UNLESS OTHERWISE NOTED OR REQUIRED).
6. VOIDS SMALLER THAN $\phi 0.035$ ARE ACCEPTABLE ON EPOXY SURFACES.
7. DIMENSION IS OVER-ALL-LENGTH EXCLUDING OVERFILL ON ATMOSPHERE SIDE OF HOUSING.
8. WIRE POSITIONING IS APPROXIMATE & VARIABLE.
9. SEE CHART FOR WIRING & PIN POSITIONS.
10. REF-OPERATING TEMPERATURE RANGE 0 TO 160 °C.
11. ASSEMBLIES ARE SHIPPED WITH ITEMS 10, 11 & 12.

ITEM	QTY	PART NUMBER	DESCRIPTION
12	9	M39029/85-455	PIN 5015 ALUMEL
11	9	M39029/85-456	PIN 5015 CHROMEL
10	1	MS3456L22-14P	PLUG 19#16
9	1	0199	NUT VS22-SS (316SS)
8	A/R	SUPER O-LUBE	LUBRICANT SILICONE BASED
7	1	MS3450L22-14S	RCPT 19#16
6	9	M39029-86-464	SOCKET 5015 CHROMEL
5	9	M39029-86-463	SOCKET 5015 ALUMEL
4	1	-224 VITON	O-RING -224 VITON 75
3	9	GG-K-20-SLE	WIRE THERMOCOUPLE TYPE K GLASS
2	A/R	PAVE-Seal 200	EPOXY BLACK
1	1	0189	HOUSING VS22-SS

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
VS22-SS-200-9P-K16-120-3450P

PART NUMBER
2706

REVISION LEVEL -
 PROJECTION