



NOTES:

1. HE LEAK TEST VACUUM 10×10^{-9} CC/SEC OR LESS.
2. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE AND HOUSINGS.
3. CONTINUITY TEST $< .5$ Ohms MATING CONNECTOR TO MATING CONNECTOR.
4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
5. ALL PARTS MUST PASS ALL TESTS.
6. WIRE POSITIONING IS APPROXIMATE & VARIABLE.
7. VOIDS SMALLER THAN $\varnothing 0.035$ ARE ACCEPTABLE.
8. DIMENSION IS OVER-ALL-LENGTH EXCLUDING OVERFILL ON EACH SIDE OF HOUSINGS.
9. REF-OPERATING TEMPERATURE -40°C TO 110°C .
10. CUT UNUSED WIRES AND SHIELDS FLUSH WITH CABLE JACKET.
11. ROUGH SURFACE OF SHRINK TUBING PRIOR TO POTTING AND BURY .5 MIN OF CABLE JACKET AND TUBING IN EPOXY FOR HERMETIC SEAL. ROUGH SURFACE OF SHRINK TUBING PRIOR TO POTTING AND BURY .5 MIN IN EPOXY FOR NON-HERMETIC SEAL.
12. SHOWN AS TESTED BY PAVE.
13. ITEMS 22 AND 23 (NOT SHOWN) ARE INCLUDED WITH ASSEMBLY.
14. LABEL AS SHOWN USING TYTON RITE-ON LABELS.

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

24	1	MOLEX#39012040	CONNECTOR 4F
23	1	-236 VITON LT	O-RING -236 VITON LOW TEMP
22	1	RR 5100-250-HST	RETAINING RING EXTERNAL 2.50SS
21	A/R	PAVE-Seal 150	EPOXY BLACK
20	4	FIT-650-1/2"	TUBING SHRINK 1/2" VITON ALPHA
19	1	SW-30	TUBING SPIRAL WRAP TEFLON 1/8"
18	1	DELPHI#12047901	TPA-B 24 TERMINAL POSITION ASS
17	1	DELPHI#12047900	TPA-A 24 TERMINAL POSITION ASS
16	24	DELPHI#12160319	CONTACT SOCKET 24-28 AWG GOLD
15	1	DELPHI#12110244	CONNECTOR 24F PINK
14	1	DELPHI#12048345	TBA-B 16 TERMINAL POSITION ASS
13	1	DELPHI#12048344	TBA-A 16 TERMINAL POSITION ASS
12	9	DELPHI#12160215	CONTACT SOCKET 18-20 AWG GOLD
11	1	DELPHI#12084945	CONNECTOR 16F GRAY
10	1	MOLEX#39012080	CONNECTOR 8F
9	12	MOLEX#444763112	TERMINAL CRIMP 16 AWG FEMALE
8	1	HIROSE#DF1126DS	CONNECTOR 26F
7	24	HIROSE#DF112428	CONTACT 24 AWG FEMALE Au
6	8	EE16 WHITE	WIRE 16EE MIL-W-16878/5 .015 1
5	24	E24 WHT	WIRE 24E MIL-W-22459/11 .010 1
4	1	ALPHA#5376C	CABLE 6X18AWG SHIELDED PAIRS
3	1	ALPHA#6388	CABLE 12X24AWG SHIELDED TWISTE
2	1	3320	HOUSING FL20-SS
1	1	3319	HOUSING FL40-AL
ITEM	QTY	PART NUMBER	DESCRIPTION

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DESCRIPTION
 FL20-SS-150-24/12-E24/EE16-31-7

PART NUMBER
3290

MATERIAL
 NOTED

REVISION LEVEL
 A

PROJECTION