



- NOTES:
- OPERATING RANGE: -40°C TO 90°C.
 - ELECTRICAL TEST: HYPOT 630 VDC 500 MΩ 0.01 SEC MINIMUM WIRE TO WIRE & HOUSING.
 - LEAK TEST: 80 PSI, NO BUBBLES 30 SECONDS MINIMUM.
 - QUALIFICATION TESTING ONLY:
 - ELECTRICAL TEST: 2000 VAC (RMS) 5 mA MAXIMUM LEAKAGE WIRE TO WIRE & HOUSING.
 - LEAK TEST: 440 PSI N2, BIDIRECTIONAL, NO BUBBLES 2 MINUTES MINIMUM.
 - BURST TEST AFTER THERMAL CYCLE 1200 PSI N2/HYDRAULIC FLUID BIDIRECTIONAL NOT TO BLOW OUT.
 - LEAK TEST: 80 PSI N2, NO BUBBLES 10 MINUTES MINIMUM.
 - WIRE-.5mm², 16/19 STRANDED TINNED COPPER W/ 105°C PVC HARMONIZED TO HO5V2-K.
 - STAMPED IN .08 [2mm] HIGH CHARACTERS PER CENELEC EN50014 & EN50018.
 - STRIP & RETAIN ALL WIRES: HEX SIDE STRIP .12-.16 [3-4mm] & THREAD SIDE .23-.28 [6-7mm]. IT IS ACCEPTABLE FOR RETAINED ENDS TO BE LOST DURING HANDLING.
 - PAVE PART# 0950 HAS 6 WIRES AS SHOWN, PART# 0950(2) HAS 2 WIRES ONE EACH OF #7 & #8 WITH THE PAVE DESCRIPTION: M24-AL-150-2-HAR20-140-60.
 - LEAK TESTING DONE WITH -117 O-RING W/NO LUBE, REMOVED AFTER TESTING.
 - DIMENSIONS ARE INCHES [millimeters].

WIRE#	COLOR	X	Y
1	BROWN	4.33+.39/-.10 [110+10/-2.5]	4.53+.39/-.1 [115+10/-2.5]
2	ORANGE	4.33+.39/-.10 [110+10/-2.5]	4.53+.39/-.1 [115+10/-2.5]
5	BLUE	3.54+.39/-.10 [90+10/-2.5]	4.53+.39/-.1 [115+10/-2.5]
6	VIOLET	3.54+.39/-.10 [90+10/-2.5]	4.53+.39/-.1 [115+10/-2.5]
7	RED	2.36+.39/-.10 [60+10/-2.5]	5.51+.39/-.1 [140+10/-2.5]
8	BLACK	2.36+.39/-.10 [60+10/-2.5]	5.51+.39/-.1 [140+10/-2.5]

3	6	HAR20 *****	WIRE, NOTE6 & *****=COLOR (Ø2.15mm MAX)
2	A/R	PAVE-Seal 200FR	EPOXY BLACK FM/UL V-094 APPROVED
1	1	0841 (*) *# OF WIRES EITHER 6 OR 2	HOUSING M24x1.5-AL W/ YEL DICHRIMATE
ITEM	QTY	PART#	DESCRIPTION

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

2751 Thunderhawk Court
 Dayton, Ohio 45414-3445
 U.S.A.
 (937)890-1100
 fax (937)890-5165
 www.pavetechnologyco.com

PAVE technology co.

DESCRIPTION PAVE-Seal Cable Harnesses
M24-AL-150-6-HAR20-4-2 KEMA

PART NUMBER * SEE NOTE 7
0950(*)

REVISION LEVEL **D**

PROJECTION