





<b>HMX Block Detonator (RED®), 1.0 Grams</b>	
Part No.: 102478439 CE Certificate No.: 0080.EXP.20.0035 DOT EX No.: EX1995010044	<p style="text-align: center;"><u>PROPER SHIPPING NAME</u></p> UN0255, DETONATORS, ELECTRIC, 1.4B
<p style="text-align: center;"><b>Technical Drawing</b></p>  	<p style="text-align: center;"><b>Technical Information</b></p> <p><b>APPLICATION:</b> Electric detonator for oilfield use where RF silence is of concern.</p> <p><b>EXPLOSIVE COMPONENTS:</b>            Detonator Type: Bottom Fire            Base charge: HMX, 0.85 gm ± 0.05 g            Ignition charge: THKP: 0.15 gm ± 0.01g</p> <p><b>TEMPERATURE LIMITS:</b>            375 °F / 191 °C    1 h</p> <p><b>PERFORMANCE:</b>  <b>Dump Fire</b> recommended firing method            Fire voltage of 325 VDC, either polarity.            All Fire Voltage 150-190 VDC            No Fire Voltage 120 VDC</p> <p><b>SHELF LIFE:</b>            5 years when stored unopened in original packaging. Storage temperature:            0 C / 32 F min    54 C / 130 F max</p> <p><b>DISPOSAL:</b>            Dispose of product not suitable for oilfield use according to applicable laws and regulations.</p>
<p style="text-align: center;"><b>Packing Information</b></p> <p>Quantity per box:            20 pieces            Gross weight per box:    3.4 kg (7.5 lbs)            Net weight per box:        0.77 kg (1.7 lbs)</p> <p>NEC per box:                 0.0200 kg</p> <p>Box dim:                    30.5 X 30.5 X 22.9 cm                                              14.3 X 12 X 8.4 in</p> <p>Package type: : Enclosed by Foil bag, then placed into fiber tube with metal ends inner package; up to 20 inner packages are placed into the raised insert with holes inside a fiberboard box.</p>	
Product Designation: HES-APRV-003	D01087070                    Rev. D