ENERGETIC MATERIALS Co.

PART NO. 51-1965-3
HIGH TEMPERATURE PERCUSSION DETONATOR
OILFIELD ORDNANCE DEVICE

DESCRIPTION
This is an oilfield percussion fired detonator used primarily for initiating detonation of oilfield tubing conveyed perforating guns.

MATERIAL DATA
All exposed components are CRES

SEALING PROPERTIES
Primer End: Hermetic
Output End: Vented

EXPLOSIVE MATERIALS
Primer Mix: 35 mgs TiKP/Glass
Booster Charge: 168 mg Lead Azide
Output Charge: 726 mg HNS

SHIPPING CLASSIFICATION
1.4S

FIRING CHARACTERISTICS
All-Fire: 10.23 ft-lbs
No-Fire: 5.21 ft-lbs

TEMPERATURE RATING
435°F for 100 Hours

FIRING CHARACTERISTICS
Initiates detonation of secondary boosters
Produces a .050 dent in steel witness blocks

EC TYPE-EXAMINATION CERT
0080.EXP.03.0045

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