SM8 SERIES
1/4" DIAMETER CABLE

Design Data Sheet

TEL: (631) 491-5670  FAX: (631) 491-5672  www.isolator.com  E-MAIL: sales@isolator.com  CAGE: 07QQ7

NOTES, FEATURES, MATERIALS/FINISHES

NOTES:
• ALL DIMENSIONS IN PARENTHESIS ARE METRIC (mm)
• SPECIALS AVAILABLE UPON REQUEST (MATERIALS, SIZE, MOUNTING HOLES, FINISH, ETC...)
• ADD 'M' TO END OF PART NUMBER FOR METRIC INSERTS

FEATURES:
• RUGGED ALL METAL CONSTRUCTION
• UNEQUALLED TEMP. RANGE: -200°F TO 500°F
• THREE AXIS CAPABILITY (6 DOF)
• HIGH DAMPING: C/CC = .15 - .20
• LONG LIFE AND MAINTENANCE FREE

MATERIALS/FINISHES:
• CABLE: 300 SERIES SS PER MIL-W-83420 OR RR-W-410
• INSERTS: 300 SERIES SS PER MS122082
• RETAINER BARS: 6063-T52 ALUMINUM ALLOY/CHEM FILM IAW MIL-C-5541, CLASS 1A

Square Mount Isolator

PART NUMBER | DIMENSIONS (in) | ISOLATOR WEIGHT (oz) | COMPRESSION (lbs) | ROLL (lbs) | COMPRESSION/ROLL (lbs)
---|---|---|---|---|---
SM8-200-A | 1.25 (31.8) | | | | |
SM8-225-A | 1.25 (31.8) | | | | |
SM8-250-A | 1.25 (31.8) | | | | |

Deflection (mm)

Load (lbs.)

Deflection (in.)

NOTES, FEATURES, MATERIALS/FINISHES

NOTES:
• ALL DIMENSIONS IN PARENTHESIS ARE METRIC (mm)
• SPECIALS AVAILABLE UPON REQUEST (MATERIALS, SIZE, MOUNTING HOLES, FINISH, ETC...)
• ADD 'M' TO END OF PART NUMBER FOR METRIC INSERTS

FEATURES:
• RUGGED ALL METAL CONSTRUCTION
• UNEQUALLED TEMP. RANGE: -200°F TO 500°F
• THREE AXIS CAPABILITY (6 DOF)
• HIGH DAMPING: C/CC = .15 - .20
• LONG LIFE AND MAINTENANCE FREE

MATERIALS/FINISHES:
• CABLE: 300 SERIES SS PER MIL-W-83420 OR RR-W-410
• INSERTS: 300 SERIES SS PER MS122082
• RETAINER BARS: 6063-T52 ALUMINUM ALLOY/CHEM FILM IAW MIL-C-5541, CLASS 1A

Square Mount Isolator

PART NUMBER | DIMENSIONS (in) | ISOLATOR WEIGHT (oz) | COMPRESSION (lbs) | ROLL (lbs) | COMPRESSION/ROLL (lbs)
---|---|---|---|---|---
SM8-200-A | 1.25 (31.8) | | | | |
SM8-225-A | 1.25 (31.8) | | | | |
SM8-250-A | 1.25 (31.8) | | | | |

Deflection (mm)

Load (lbs.)

Deflection (in.)

1) SM8-200-A (Kv = 119, Ks = 83)
2) SM8-225-A (Kv = 69, Ks = 43)
3) SM8-250-A (Kv = 45, Ks = 38)
(K values are in lbs/in)