

PART NUMBER
138-0414-001

REV	ECO	DATE
1	INITIAL RELEASE	05MAR2021

NOTES:

1. MATERIAL AND FINISH:

- 1.1 BODY: BRASS, NICKEL PLATE
- 1.2 CONTACT: PHOSPHOR BRONZE, GOLD PLATE
- 1.3 INSULATOR: PTFE
- 1.4 GASKET: SILICONE RUBBER, RED
- 1.5 COUPLING NUT: BRASS, NICKEL PLATE
- 1.6 FERRULE: BRASS, NICKEL PLATE

2. ELECTRICAL SPECIFICATIONS:

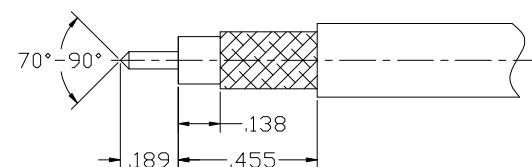
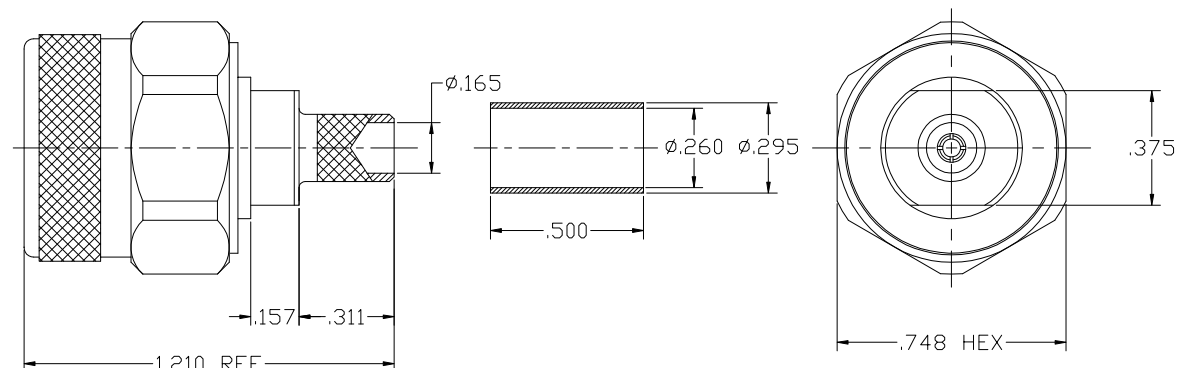
- 2.1 IMPEDANCE: 50 OHMS NOMINAL
- 2.2 FREQUENCY RANGE: DC~3.0 GHz
- 2.3 VSWR: 1.30 MAX
- 2.4 INSERTION LOSS: 0.1 dB MAX
- 2.5 VOLTAGE RATING: 550 VRMS MAX
- 2.6 DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS MIN
- 2.7 INSULATION RESISTANCE: 5000 MEGOHM MIN
- 2.8 CONTACT RESISTANCE:
 - 2.8.1 CENTER CONTACT – 3.0 MILLIOHM MAX
 - 2.8.2 OUTER CONDUCTOR – 1.0 MILLIOHM MAX

3. MECHANICAL SPECIFICATIONS:

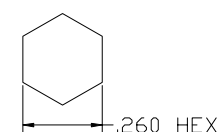
- 3.1 ENGAGE/DISENGAGE: 2.0 LBS MAX
- 3.2 COUPLING NUT TORQUE: 12-15 IN.LBS
- 3.3 DURABILITY: 500 CYCLES MIN
- 3.4 CONTACT RETENTION: 6.0 LBS MIN

4. ENVIRONMENTAL:



- (MEETS OR EXCEEDS THE APPLICABLE PARAGRAPH OF MIL-PRF-39012)
- 4.1 THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B
EXEPT 200°C HIGH TEMP
 - 4.2 OPERATING TEMPERATURE: -65°C TO 165°C
 - 4.3 MOISTURE RESISTANCE: MIL-STD-202, METHOD 106, LESS STEP 7b
 - 4.4 MECHANICAL SHOCK: MIL-STD-202, METHOD 213, CONDITION I
 - 4.5 VIBRATION: MIL-STD-202, METHOD 204, CONDITION D
 - 4.6 CORROSION: MIL-STD-202, METHOD 101, CONDITION B



RECOMMENDED CABLE
STRIPPING DIMENSIONS



RECOMMENDED CRIMPING
DIMENSIONS FOR FERRULE

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	RoHS <input checked="" type="checkbox"/> (EU)/2015/863 COMPLIANT	Cage Code	Title: N-TYPE STRIGHT PLUG FOR LMR-240 CABLE				
	UNLESS OTHERWISE SPECIFIED UNITS: INCH	 3RD ANGLE PROJECTION	Drawing No.	138-0414-001/010		REV. 1	
	.XXX±.008 .XXXX±.004 ANGLES±5°	Drawn by: BILL PENG	Date:	03/05/2021	Size B	DO NOT SCALE DRAWING	Workmanship Std. NONE

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