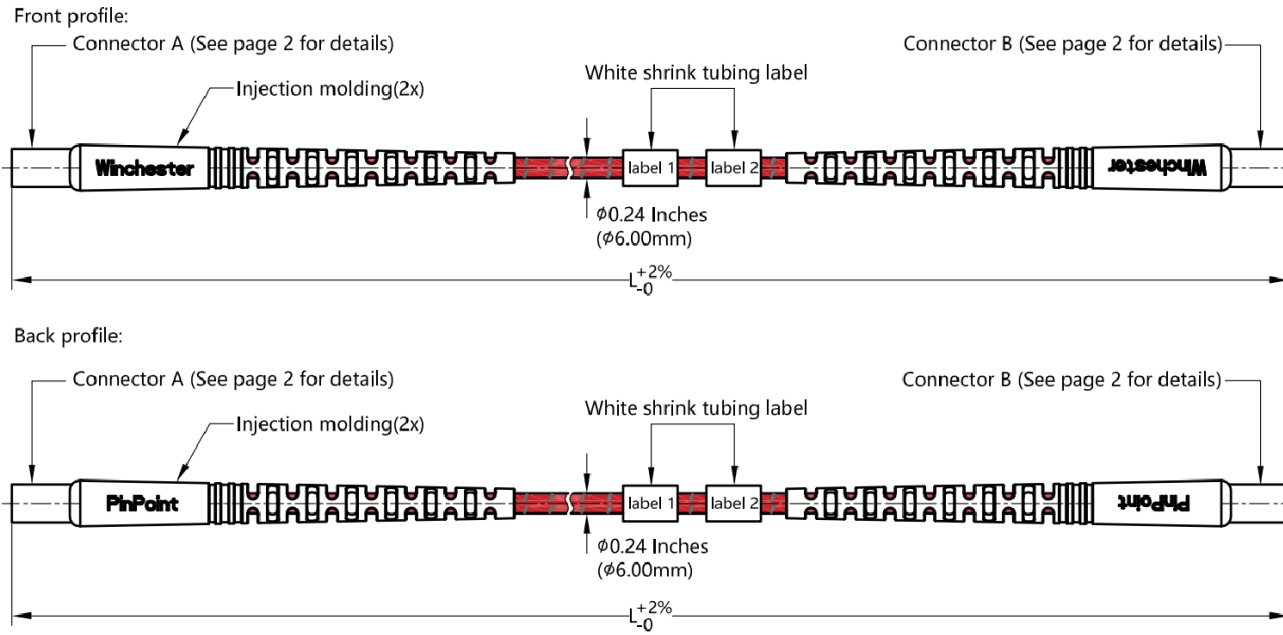


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REV	DESCRIPTION	DATE	APPROVED
A	PER EP-3082	02/17/23	FUH



label 1:
winconn.com
PN:HPA50-XXXXXX-YYY

label 2:
Month Year
MM/YYYY
SN:XXXX

MATERIAL SPECIFICATIONS

MECHANICAL SPECIFICATIONS

ENVIRONMENTAL SPECIFICATIONS

PIECE PARTS	MATERIALS	PLATING
Coupling Nut	Stainless Steel	Passivated
Body	Stainless Steel	Passivated
Contact Pin	Be-Cu	Gold
Insulator	PEEK	Natural
Cable	HPA50, armored low loss phase stable cable (Red+Gray)	N/A

MIN. BENDING RADIUS STATIC	1.18 inches(30mm)
MIN. BENDING RADIUS DYNAMIC	2.35 inches(60mm)
RECOMMENDED COUPLING TORQUE	7-9 lb-in (2.4mm Male)
COUPLING NUT RETENTION FORCE	60 lbs (2.4mm Male)
DURABILITY	5000 Cycles

RoHS & REACH	Compliant
TEMPERATURE RANGE	-40°C~+125°C

ELECTRICAL SPECIFICATIONS

IMPEDANCE	50Ω
FREQUENCY RANGE	DC~50GHz
VOLTAGE RATING	335V(rms)
DIELECTRIC WITHSTANDING VOLTAGE	750V(DC)
INSULATION RESISTANCE	3000MΩ
INSERTION LOSS	See Page 3 for details
VSWR	1.30 Max.
MECHANICAL PHASE STABILITY	±9° Max.
MECHANICAL AMPLITUDE STABILITY	±0.12dB Max.

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES [MM]
TOLERANCES:
DECIMALS: ±0.12[0.3]
ANGLES: ±5°

DRAWN	DATE
FUH	01/17/23
APPR.	DATE
DCAM	01/17/23
APPR.	DATE
XXX	XX/XX/XX
APPR.	DATE
XXX	XX/XX/XX

Winchester Interconnect. 68 Water St. Norwalk, CT 06854

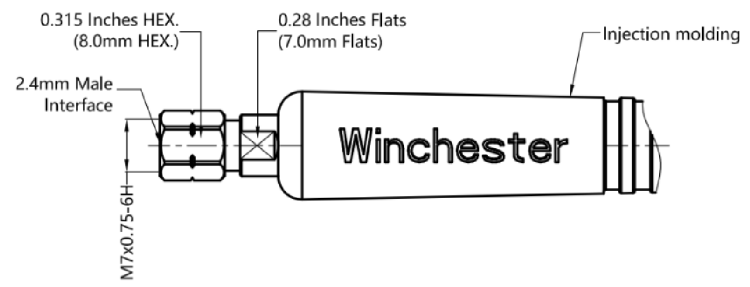
TITLE:
PINPOINT 2.4mm HIGH PERFORMANCE CABLE ASSEMBLY

THIRD ANGLE PROJECTION	SIZE A	DWG. NO.	REV
	SH 1 OF 3	SDHPA50-XXXXXX-YYY	A

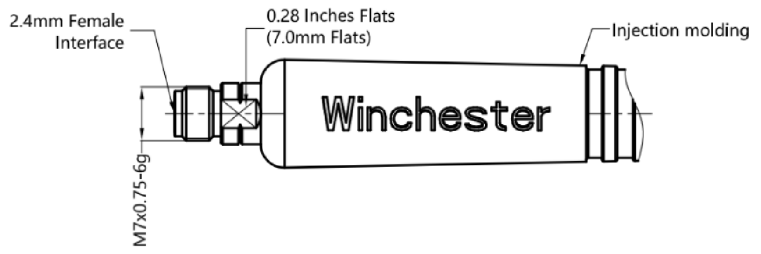
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REV	DESCRIPTION	DATE	APPROVED
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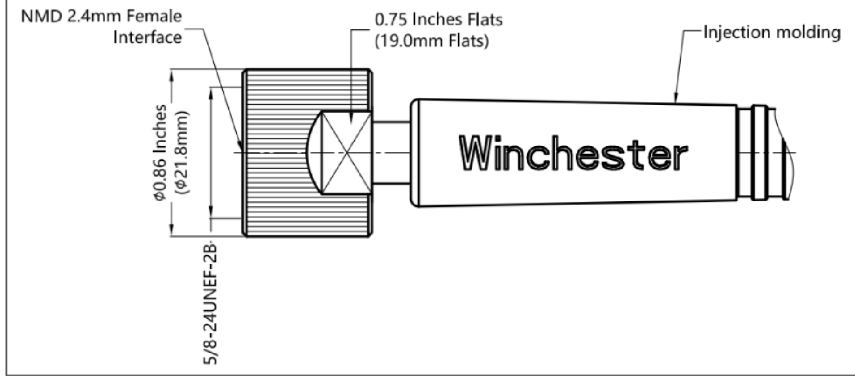
2.4mm Male for HPA50



2.4mm Female for HPA50



NMD 2.4mm Female for HPA50



68 Water St.
Norwalk, CT 06854

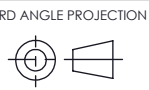
DRAWN	DATE
FUH	01/17/23
APPR.	DATE
DCAM	01/17/23
APPR.	DATE
XXX	XX/XX/XX
APPR.	DATE
XXX	XX/XX/XX



TITLE:
**PINPOINT 2.4mm HIGH PERFORMANCE
CABLE ASSEMBLY**

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES [MM]

TOLERANCES:
DECIMALS: ±0.12[0.3]
ANGLES: ±5°



SIZE
A
SH 2 OF 3

DWG. NO.
SDHPA50-XXXXXX-YYY

REV
A