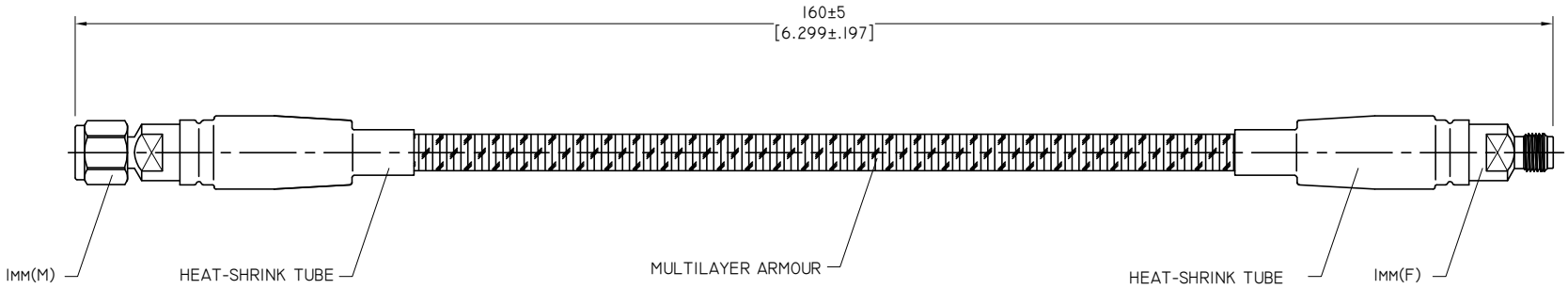
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	09/11/20	J. QU

MATERIAL & FINISH:
1 CONNECTOR BODY: STAINLESS STEEL, PASSIVATED
2 CONNECTOR CENTER CONTACT: BERYLLIUM COPPER ALLOY, GOLD PLATED
3 OUTER JACKET: MULTILAYER ARMOUR

ELECTRICAL DATA:
1 IMPEDANCE: 50 OHMS
2 FREQUENCY RANGE: DC~110 GHz
3 VSWR: 1.33 TYP. /1.45 MAX.
4 INSERTION LOSS: 2.25 DB MAX. @ DC~50 GHz
2.50 DB MAX. @ 50~75 GHz
3.20 DB MAX. @ 75~110 GHz
5 TYPICAL PHASE STABILITY: ± 3° MAX.
7 AMPLITUDE STABILITY: ± 0.05 DB TYP./± 0.10 DB MAX.

MECHANICAL DATA:
1 MINIMUM RECOMMENDED BEND RADIUS: 32 MM
2 MATING CYCLES: >5000
3 RECOMMENDED TORQUE: 0.7 NM.

ENVIRONMENTAL DATA:
1 OPERATING TEMPERATURE: -0℃~+55℃
2 STORAGE TEMPERATURE: -40℃~+75℃
3 2011/65/EU(RoHS) AND 2015/863/(RoHS): COMPLIANT
4 1999/45/EC(REACH): COMPLIANT
5 CRUSH RESSITANCE KgF/cm(lbf/in): 44 KgF/cm (250 lbf/in)



DRAWN	W. YANG	DATE	09/11/20
CHECKED	X. B. YANG	DATE	09/11/20
APPROVED	J. QU	DATE	09/11/20

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLINMETERS, DIMENSIONS IN [ ] ARE IN INCHES FOR CUSTOMER REFERENCE ONLY UNLESS OTHERWISE SPECIFIED TOLERANCE ARE:

.XX	±0.13 [.005"]
.X	±0.20 [.008"]
X	±0.50 [.019"]
.X°	±1°
X°	±2°

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ANOISON

TITLE
PRECISION TEST CABLE, 1MM (M) TO 1MM(F) CONNECTOR

VIEW

PART NO.
PT-1M-1F-16CM

SIZE	SCALE	SHEET	REV.
A3	2:1	1/1	A