1.0 MATERIAL & FINISH:
SMPS CONNECTOR:
1 BODY: BERYLLIUM COPPER ALLOY, GOLD PLATED
2 CENTER CONTACT: BERYLLIUM COPPER ALLOY, GOLD PLATED
3 INSULATOR: PTFE

OUTER CONDUCTOR:
BODY: BRASS, SILVER PLATED

INNER CONDUCTOR:
BODY: BRASS, SILVER PLATED

1.0 MATERIAL & FINISH:
W28RE WIRE:
1 INNER CONDUCTOR: TIN PLATED COPPER WIRE
2 JACKET: RED SILICON RUBBER

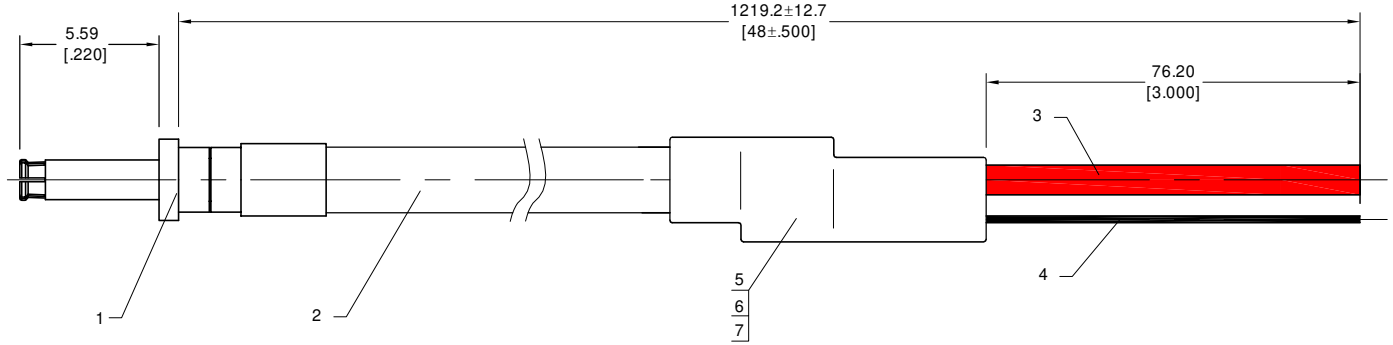
W34BK WIRE:
1 INNER CONDUCTOR: TIN PLATED COPPER WIRE
2 JACKET: BLACK SILICON RUBBER

AFLEX086AF CABLE:
1 INNER CONDUCTOR: SILVER PLATED COPPER
2 DIELECTRIC: PTFE
3 OUTER CONDUCTOR: BONDED ALUMINUM FOIL + SILVER PLATED COPPER
4 JACKET: BLUE FEP

ELECTRICAL DATA:
1 IMPEDANCE: 50 Ω

ENVIRONMENTAL DATA:
1 TEMPERATURE RANGE: -55℃~+125℃
2 2011/65/EU(RoHS) AND 2015/863/(RoHS): COMPLIANT
3 1999/45/EC(REACH): COMPLIANT

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	05/09/24	J Q



SEQUENCE NUMBER	PART NO.	DESCRIPTION	QTY
7	Ø4*12.7	ADHESIVE HEAT-SHRINK TUBING	1
6	ANO7.748.2763	OUTER CONDUCTOR	1
5	ANO7.748.2760	INNER CONDUCTOR	1
4	W34BK	34WAG WIRE(BLACK)	1
3	W28RE	28WAG WIRE(RED)	1
2	AFLEX086AF	AFLEX086AF CABLE	1
1	ANO 7812-2011	SMPS FEMALE SOLDER FOR .086 CABLE, BLIND-MATE FOR M38999 SIZE 16 CAVITY	1

DRAWN	P. C	DATE	05/09/24
CHECKED	X. Y	DATE	05/09/24
APPROVED	J Q	DATE	05/09/24

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS, 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°

ANOISON

TITLE
CABLE ASSEMBLY, BLIND-MATE FOR M38999 SIZE 16 CAVITY, SMPS STRAIGHT FEMALE, AFLEX086AF CABLE TO WIRE LEADS(RED SIGNAL/BLACK GND), 48 INCHES

VIEW

PART NO.
AF086AF-SMPS(F)-LEAD-48

SIZE	SCALE	SHEET	REV.
A3	5:1	1/1	A