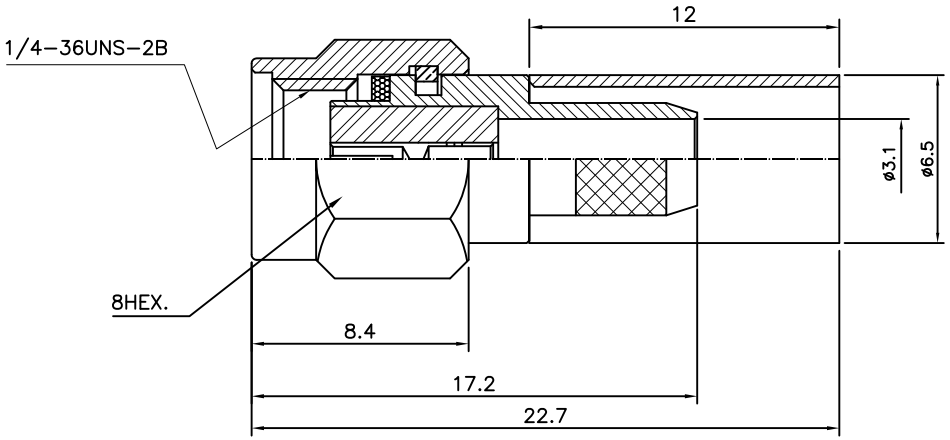
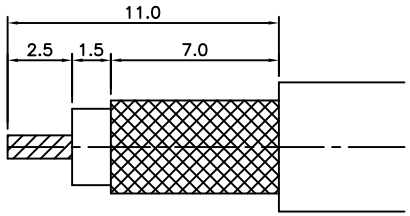
No.	Revision	Date	Name
1	PN. Change from 1S-112RP-58	22/08/2013	B.G.YUN

SPECIFICATIONS.

1.1 Impedonce: 50ohm
1.2 Frequency Range: per cable per MIL-C-17
1.3 Working Voltage rating: 335 Vrms
1.4 Dieictric Withstanding Voltage: 1000 Vrms
1.5 VSWR: 1.2:1 Max
1.6 Insulation Resistance: 5,000 megohms
1.7 Connector Durability: 500 mating
1.8 Coupling proof torque: min. 4.0inch-pounds
1.9 Temperature Range: -45°C~+155°C

RoHS Compliant





Recommended Stripping DIM'S

Recommended Crimp DIES : HEX5.5

NOTES.

ELECTRICAL RATINGS
Impedance : 50 ohm
Frequency Range : DC~18GHz
Insulation Resistance : 5000MΩ min
Contact Resistance : < 3mΩ
Working Voltage : 335 VRMS max
Dielectric Withstanding Voltage : 1000V min

MECHANICAL DATA
Coupling nut torque; 12Ncm-170Ncm
Coupling nut retention force; >200N
Life; 500 matings.
Contact captivation; >27N

ENVIRONMENTAL DATA
Operating and Storage Temperature range; -45°C~85°C/-65°C~125°C
Vibration test; MIL-STD-202,Method204.Condition D.
Mechanical Shock; MIL-STD-202,Method213,Condition I.
Moisture resistance; MIL-STD-202,Method106.

**Center contact Non-captivated

Connector parts	Materials	Finish
Coupling Cap	Brass	Gold Plated 0.1micron under
Body	Brass	Gold Plated 0.1micron under
Center contact	Beryllium copper	Gold Plated 0.1micron under
Ferrule	Brass	Gold Plated 0.1micron under
Insulator	PTFE	-

SMA-Stright-PLUG
Reverse Polarity
for Cable:RG58

NO.	DESCRIPTION	Q'TY	MATERIAL	FINISH	REMARKS.
PARTS No.	SMA-112-006	NAME	SMA-SP-58		APPROVED
MATERIAL	FINISH	TOLERANCES OTHERWISE SPEC. ±0.05 ANGLES ±1°			CHECKED
		SCALE N/S	UNIT mm		DESIGNED S.J.Park
CUSTOMER	DONGJIN TI.	DWG NO. SMA-112-006			DATE. 16/JUL/2012