

Gold Plated I-Pex MHF R/A Plug (MAP30105)

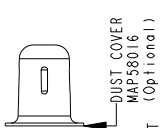
Heat Shrink Tube 1 (As Marking)

Heat Shrink Tube 2

RPSMA (MAP30127)

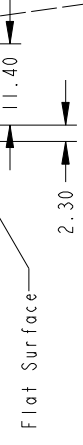
1/4-36UNS-2A

5.80±0.05



A	
B	
C	
D	

Type of I-pex Connector Orientation

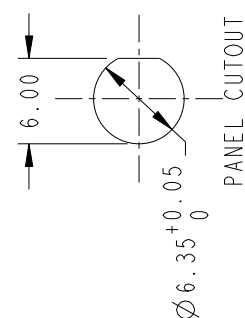


APPROVED

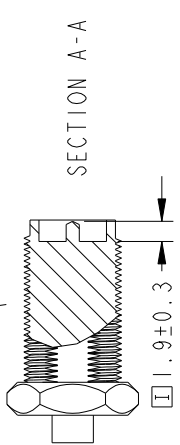
NOTE:
ONLY WASHER AND HEX NUT
ARE KITTED SEPARATELY

- Cable Shielding Effectiveness
- Density of shielding nearly above 98%
 - EMI's shielding character is related to the whole finished product
 - Torque for Hex. Nut to screw to RPSMA connector is 8 in-lbs
 - I-pex Connector pull force: min 10N
 - Cable loss characteristic for 1M of Ø1.13 coaxial cable

Freq (GHz)	Loss(dB)
0.9	1.82
2.4	3.05
5	4.45
6	6.16



PANEL CUTOUT



(F08)

(F08)

No.	FG No.	Rev.	Description	Project #	Cable Length, Lc ± 2	SMA Female Connector	Assy Ø1.13 Coax Cable	Heat Shrink tube 1	Heat Shrink tube 2	Conn. Orientation	Dust Cover	SYM
1	MAF94118	B5	Assy Jumper Cable RPSMAF-MHF 182mm (CLB)	CWC0081	181.8	130-00051	133-00083	-	Ø3 X 10	D	YES	F08
2	MAF94120	B5	Assy Jumper Cable RPSMAF-MHF 182mm w HST (CLB)	CWC0081	181.8	130-00051	133-00083	Ø2 X 8	Ø3 X 10	D	YES	F08
3	MAF94434	B3	Assy Jumper Cable RPSMAF-MHF 190mm (FC)	CWC0289	190	130-00051	133-00082	-	Ø3 X 10	D	YES	F08
4	MAF95021	B3	Assy Jumper Cable RPSMAF-MHF 280mm (ADI)	LIFS090	280	130-00051	133-00081	-	Ø3 X 10	D	YES	F08

TOLERANCE (UNLESS STATED)	X = ±0.3 XX = ±0.13 ANGULAR = ± 30'	SYMBOL	ECO/DESCRIPTION	DATE	CK	APP	DRAWN BY:	HEAT SHRINK TUBE 1	HEAT SHRINK TUBE 2	CONN. ORIENTATION	DUST COVER	SYM
		(F06)	ECO-00618	16/11/09	001	CHIN	AL CHAN	-	-	D	YES	F08
		(F07)	ECO-00903	17/02/12	CHIN	TEOH	CHECKED BY: GJ CHIN	Ø2 X 8	Ø3 X 10	D	YES	F08
		(F08)	CRN#755	1/2/13	HANG	TEOH	DWG. NO. : MAF94390	-	Ø3 X 10	D	YES	F08
		(F04)	ECO-00517	11/03/09	CHIN	FONG	DESCRIPTION: RP-SMA JUMPER CABLE (MASTER PRINT)	-	Ø3 X 10	D	YES	F08
		(F05)	ECO-00613	28/10/09	001	CHIN	MATERIAL: N/A	-	Ø3 X 10	D	YES	F08



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ANTENNA SBU
PENANG, MALAYSIA

PROJECT NO. CWC0081
DATE: 12/05/08
SCALE: 1:000
UNITS: MM