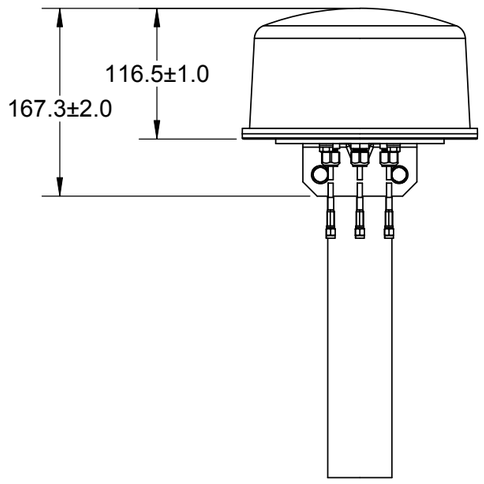
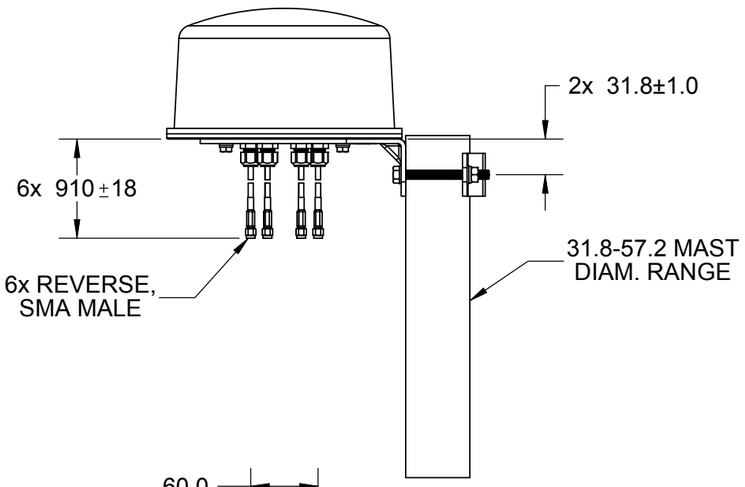
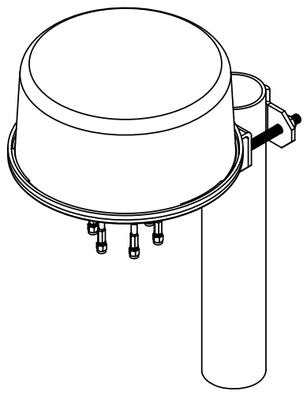
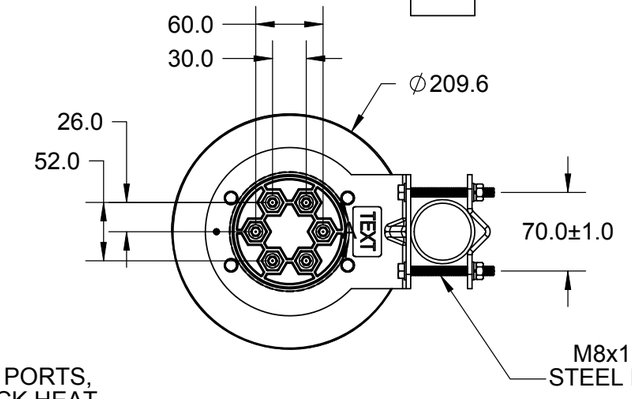
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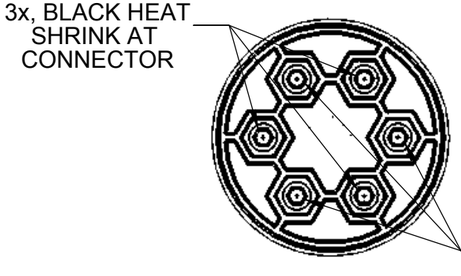
REVISIONS					
REV.	ECR#	ZONE	DESCRIPTION	CHANGED BY/DATE	APPROVED BY/DATE
AA			INTIIAL RELEASE	K.S. 04-13-12	K.S. 04-13-12











DETAIL A
SCALE 2 : 5

Parameter	Performance	
TE Model Number	OP24516SX-91RSMM	
Antenna Type	Omnidirectional, 3x3 Elements	
RF Connector	Reverse, SMA, Male 6x	
Cable Type	RG-58	
Cable P/N (Removable)	N/A	
Cable Length	910mm±18mm 6x (36in±0.71in 6x)	
Plenum Rating	Yes	
Frequency (MHz)	3x 2400-2500	3x 5150-5875
Gain (dBi)	1.6 Typ 4 Max	5 Typ 6 Max
Azimuth Typical 3dB Beamwidth	Omnidirectional	
Elevation Typical 3dB Beamwidth	45°	32°
Impedance	50	
Port-to-Port Isolation	20dB	30dB
Polarization	Linear, Vertical	
VSWR	2.0:1, Max	
Power	5W x 6	
Weight	1.7kg (3.7lbs)	
Omnidirectionality	8dB Nominal	20dB Nominal
Radome Material	Polycarbonate, White	
Mounting	Mast Mount (31.8-57.2 DIAM.)	
Wind Survival	200 km/hr (125 mph)	
Operational Temperature	-30°C to +70°C	
Storage Temperature	-40°C to +85°C	
Ingression Protection	IP67	

MATERIAL: N/A

FINISH: N/A

APPROVALS		DATE
DRAWN BY	K. SEARL	07-28-11
PROJ. ENG.	W. CHANG	04-18-12
APPL. MECH.	S. JOHNSON	04-13-12
MFG.	B. THATCHER	04-13-12

THIRD ANGLE PROJECTION

DO NOT SCALE DRAWING

INTERPRET DIMENSIONING AND TOLERANCING IN ACCORDANCE WITH ASME Y14.5M-2009

TOLERANCES UNLESS OTHERWISE SPECIFIED

DIMENSIONS ARE IN MILLIMETERS

ANGLE: ±30'
0 PLACE DECIMAL: ±0.5
1 PLACE DECIMAL: ±0.25
2 PLACE DECIMAL: ±0.13

SURFACE ROUGHNESS 1.6

TE connectivity

TITLE:

OP24516SX-91RSMM

SIZE	DWG. NO.	REV
A3	OP24516SX-91RSMMMO	AA
SCALE: 1:5	PREVIOUS#	SHEET 1 OF 1

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

2005330-1 3631B101LL RH73H2A40MKTN 1-794222-0 1903112-2 1969656-1 917696-1 175977-2
2377783-2 141991-2 1743455-2 2310537-1 3-1393225-0 MPT100C18RF SMW73R0JT CPF0402B37K4E1
SBCHE64R7K U5254-000005-030PA SBCHE154R7K 3430B2F51RTDF 650075-000 936348-1
ROX05SJ18R 1-962915-1 2834055-1 CRGCQ2010J3K3 2380312-2 1393431-1 2-292161-3 TE50BR39J