

- 1.0 PERFORMANCE:  
 1.1 FREQUENCY RANGE DC-27 GHz  
 1.2 VSWR TYP < 1.25  
 1.3 SYSTEM IMPEDANCE 50 OHMS  
 1.4 DWV: 1000 Vrms @ 60 Hz (SEA LEVEL)  
 1.5 VOLTAGE RATING: 335 Vrms (SEA LEVEL)  
 1.6 TEMP RANGE: -65 / +165 °C

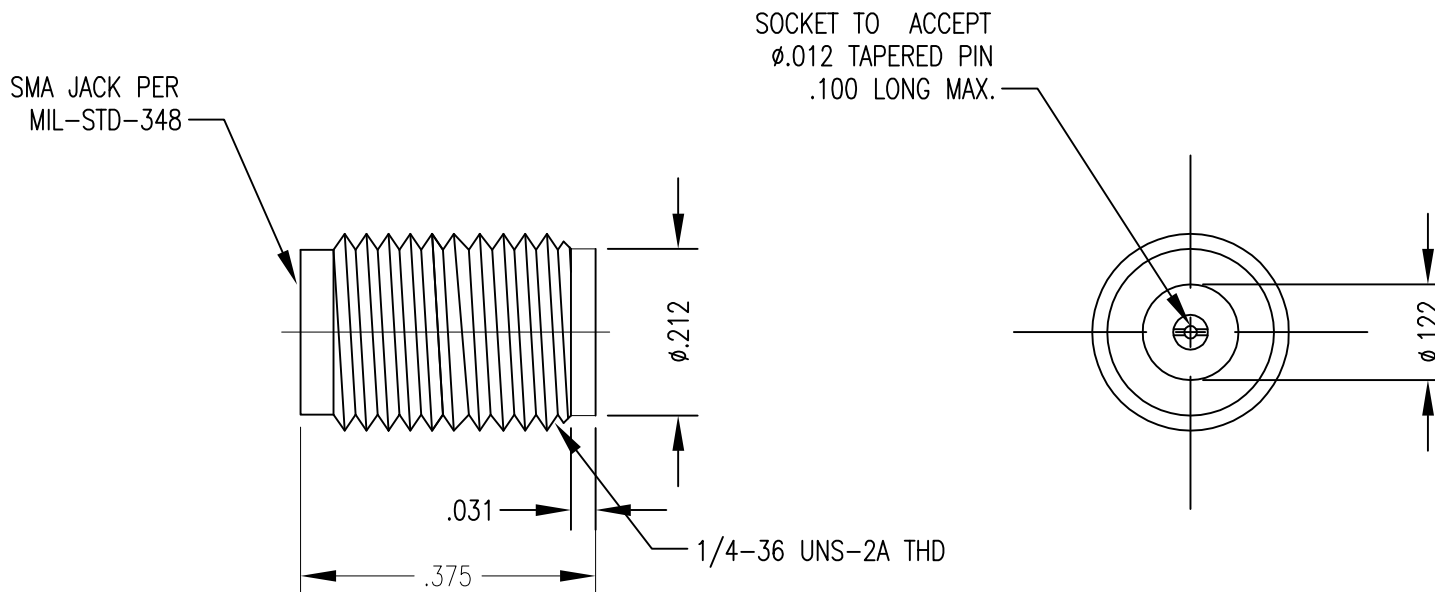
- 2.0 MATERIALS: RoHS  
 2.1 SOCKET CONTACT: BeCu  
 2.2 BODY: SS 303  
 2.3 INSULATOR: PTFE  
 3.0 FINISHES  
 3.1 CONTACTS: .000050 MIN GOLD  
 OVER .000080 MIN NICKEL  
 3.2 BODY: PASSIVATED

- 4.0 MECHANICAL  
 4.1 INTERFACES PER MIL-STD-348  
 4.2 SOCKET MATING CHARACTERISTICS:  
 INSERTION FORCE  $\phi$ .013 PIN: 20 OZ TYP,  
 30 OZ MAX.  
 WITHDRAWAL FORCE  $\phi$ .011 PIN: 0.5 OZ MIN  
 4.3 CONTACT RETENTION: 4 LBS MIN  
 4.4 DURABILITY: 500 CYCLES

DWG NO. OL-1207-68-1		REV. B
PART NUMBER 1207-68-PJ	BODY PASSIVATE	CONTACT Au/Ni

PLATE PER STI 7.3.1-8

DO NOT SCALE DRAWING



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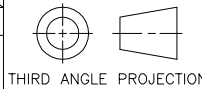
4 NEWBURYPORT TPK. IPSWICH MA USA 01938  
 TEL: 978 - 356 -1585 FAX: 978 - 356 -1573  
 WWW.santron.com E MAIL: santron@santron.com

UNLESS OTHERWISE SPECIFIED:  
 ALL DIMENSIONS ARE IN INCHES.  
 ALL DIMENSIONS ARE AFTER PLATING.  
 .XXX=  $\pm$ .005 ALL MACHINED SURFACES  $63\sqrt{\text{MAX.}}$   
 .XX=  $\pm$ .01 ANG. $\pm$ 1/2° FRACTIONAL=  $\pm$ 1/64  
 $\text{\textcircled{C}}$ .004 MAX. TIR.  $\perp$  AXIS .001

TITLE SMA BULKHEAD RECEPTACLE, FEMALE  
 STRAIGHT, FIELD REPLACEABLE,  $\phi$ .012 PIN

MATERIAL: SEE NOTES FINISH: SEE NOTES

Rev.	Revisions	Disp.	Date	Dwn.	Appd.
B	ADD $\phi$ .212 FEATURE PER CUSTOMER REQUEST	NEW	12/18/14	FSH	FSH
A	ORIGINAL	NEW	12/2/14		
RECOM. STOCK SIZE	FT/M PCS	Ref.:	REMOVE ALL BURRS AND SHARP EDGES .005 MAX.	INTERPRET PER ASME Y14.5M-1994	
		BRM 23153			



DWN	FSH	12/2/14
CHKD	JS	N/A
APPR	FSH	12/2/14

CAGE CODE: 50896	DWG NO. OL-1207-68-1	REV. B
SCALE X:X		