



Notes:
1) Perform pin depth gauge check

Electrical Specifications	
IMPEDANCE (Ω)	50
FREQUENCY BAND (GHz)	DC-40
VSWR (Max.)	1.35
INSERTION LOSS (dB)	$0.04 \times \sqrt{\text{SQRT}} (F (\text{GHz}))$
CENTRE CONTACT RESISTANCE (m Ω)	≤ 3.0
OUTER CONTACT RESISTANCE (m Ω)	≤ 2.0
TEST VOLTAGE (RMS Volts)	700

Mechanical Specifications	
CENTRE CONTACT	Soldered
OUTER CONTACT	Soldered
CONNECTOR DURABILITY	≥ 200
ENGAGEMENT FORCE	$\leq 13.5\text{N}$
DISENGAGEMENT FORCE	$\geq 2.0\text{N}$
OPERATING TEMPERATURE	$-65^\circ\text{C} \sim +165^\circ\text{C}$

Material Data		
PARTS	MATERIAL	SURFACE PLATING
CENTR CONTACT	Brass	Gold plating (Nickel underplating)
COUPLING NUT	Stainless Steel	Passivated

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TOLERANCE GROUP ¹		(UNLESS NOTED OTHERWISE)	
LINEAR	ANGULAR	3RD ANGLE PROJECTION	
X = ± 0.15	X* = $\pm 0.10^{\circ}$		
XX = ± 0.2	XX* = $\pm 0.15^{\circ}$		
XXX = ± 0.305	XXX* = $\pm 0.25^{\circ}$		

DRAWING		DWG	
DATE	01-08-2012	DWG	D.C.
DRG. CHECK			
MECH. CHECK			
ELEC. CHECK			
APPROVED			

* DIMENSIONS IN MILLIMETERS UNDO
 * DRAWINGS PRACTICES TO AS 1100
 * DO NOT SCALE - IF IN DOUBT/ASK

TITLE: **2.92mm MALE CONNECTOR FOR RG405**

MATERIAL: FINISH

SCALE: 1:1

SHEET No: 1 OF 1

PARTS No: **01-0445**

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