



5. VSWR NOT TO EXCEED 1.20:1 FROM DC TO 11.0 GHz  
& 1.30:1 FROM 11GHz TO 18 GHz

4. CONNECTOR TO MEET OR EXCEED ALL SPECIFICATIONS PER MIL-39012

3. FINISH:  
SOLDER BODY : GOLD PER MIL-G-45204  
OVER NICKEL PER QQ-N-290

BODY: PASSIVATE PER QQ-P-35

COUPLING NUT: PASSIVATE PER QQ-P-35

CONTACT: GOLD PER MIL-G-45204: TYPE II,  
CLASS 2, OVER COPPER PER MIL-C-14550, CLASS 4

2. MATERIAL:  
BODY AND SOLDER BODY: STAINLESS STL PER QQ-S-764 TYPE 303

COUPLING NUT STAINLESS STL PER QQ-S-764 TYPE 303

CONTACT: BERYL. COPPER PER QQ-C-530

INSULATOR: TEFLON PER MIL-P-19468A

1. MATING DIMS IN ACCORDANCE WITH MIL-STD-348

NOTES :

PART NO.	CABLE	(A) DIM	(B) DIM	1-9	10-24	25-49	50-99	100+
530M-087-SF	RG-405	.089	.12	\$45.00	\$43.00	\$42.00	\$41.00	\$39.00
530M-141-SF	RG-402	.145	.18	\$45.00	\$43.00	\$42.00	\$41.00	\$39.00

**NOTICE**

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**TOLERANCES AND NOTES EXCEPT AS NOTED DIMENSIONS ARE IN INCHES**

LINEAR .XX ± .015 ANGULAR ± 1/2 ° FRACTION ± 1/32  
XXX ± .005

- MACHINE FINISH  $\sqrt{3}$  RMS
- BREAK ALL SHARP EDGES .002
- ALL MACHINED FILLETS
- ALL MACHINED SURFACES SQUARE TO RESPECTIVE AXIS WITHIN .003 PER INCH.
- MACHINED DIAMETERS TO BE CONCENTRIC WITHIN .002 - .003 T.I.R.
- DIMENSIONS TO BE MET BEFORE PLATING.
- CHAMFER ALL THDS. 45 DEGREES
- THREADS PER H-2B
- REMOVE FRAYED EDGES ON TEFLON.
- REMOVE ALL BURRS.

WEIGHT SCALE

N/A NONE

UNITED MICROWAVE PRODUCTS Inc.

TNC 4 HOLE CABLE JACK DIRECT SOLDER

APPR.  
ENG.  
CHK.  
DR.

530M-SF