

P/N 050-3993-XYZ (PER TABLE 1)

MATERIAL AND FINISH:

BODY AND CONTACT: BERYLLIUM COPPER PER 50-370 PARA. 3.
 GOLD PLATED W/ NICKEL SUB PLATE PER TSM 50-370 PARA. 5
 DIELECTRIC: TORLON 4203

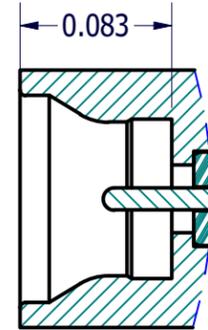
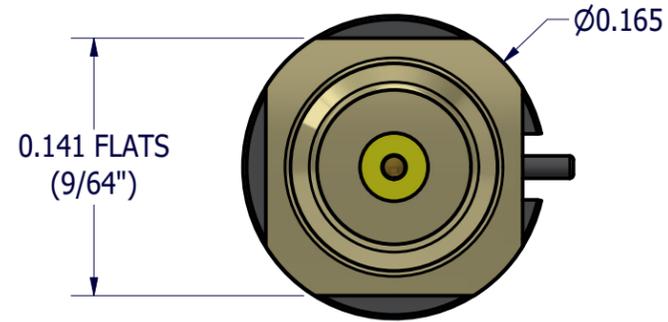
OPERATING SPECIFICATIONS:

FREQUENCY RANGE: 0 TO 40
 INTERFACE: SMPM SP PER MIL-348B FIG. 328-1 AND 328-2
 MATES AND WORKS WITH CORNING GPPO
 IMPEDANCE: 50 OHMS NOMINAL
 VSWR, TYP:

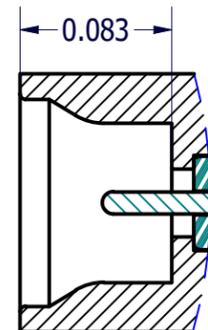
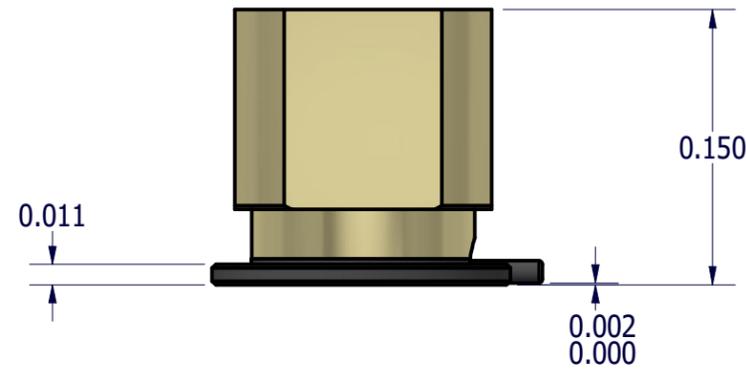
1.30 TO 26.5 GHZ
 1.40 TO 40 GHZ

DWV AT STP: 325 VOLTS RMS NOMINAL
 OPERATING TEMPERATURE RANGE: -55 TO +125 C

REVISION HISTORY					
REV	DATE	ORIGINATOR	APPROVED	DCRN	CAD
A	08/25/2023	J.PAYNTER	R Duckworth	2308097	JDP
B	01/15/2025	J. SALIBA	R Duckworth	2501042	JGS
C	02/17/2026	J. SALIBA	R Duckworth	2602062	JGS



PART NUMBER: 050-3993-001
 SMPM PIN CONTACT
 FULL DETENT
 PER MIL-C-348 FIGURE 328-2



PART NUMBER : 050-3993-101
 SMPM PIN CONTACT
 SMOOTH BORE
 PER MIL-C-348 FIGURE 328-3

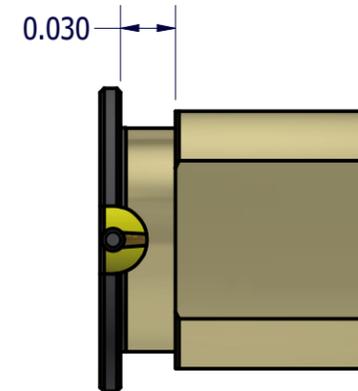
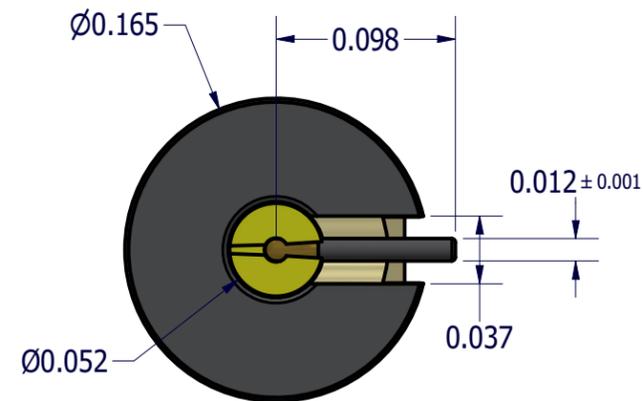


TABLE 1

TSM PART NUMBER	DETENT (X)	PACKAGING (Y)	SOLDER TYPE (Z)
050-3993-001	FD	BAG	N/A
050-3993-002	FD	BAG	SN63, per Note 2
050-3993-011	FD	TAPE & REEL	N/A
050-3993-012	FD	TAPE & REEL	SN63, per Note 2
050-3993-101	SB	BAG	N/A
050-3993-102	SB	BAG	SN63, per Note 2
050-3993-111	SB	TAPE & REEL	N/A
050-3993-112	SB	TAPE & REEL	SN63, per Note 2

NOTE:

- 1) ASSEMBLED CONNECTOR INTERFACE IS DESIGNED IN ACCORDANCE WITH MIL-STD-348.
- 2) AREAS IN GRAY - SOLDER COATED AS SHOWN WITH SOLDER ALLOY SN63PB37A PER J-STD-006 AND J-STD-001. SOLDER ALLOY BUILDUP .003 MAX WALL THICKNESS FROM DIMENSIONS SHOWN.
- 3) ALL DIMENSIONS LISTED APPLY BEFORE SOLDER COATING, IF APPLICABLE.
- 4) TSM 50-370 STANDARD REQUIREMENTS APPLY

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UNLESS OTHERWISE SPECIFIED: DIM .XX ± 0.010" DIM .XXX ± 0.005" DIM .XXXX ± 0.0005" ANGLES ± 1° ALL DIMENSIONS ARE IN INCHES. REMOVE ALL BURRS, BREAK CORNERS & SHARP EDGES .003" MAX.	ENGINEER: J.PAYNTER	PROJECT No:	TELEDYNE STORM MICROWAVE Everywhere you look 10221 WERCH DRIVE Woodridge, IL 60517 www.teledynestorm.com
SEE MATERIAL AND FINISH NOTES	MATERIAL:	TITLE: SMPM SP PCB VERTICAL MOUNT CONNECTOR	
PART OR ASSY WEIGHT:	FINISH: SEE MATERIAL AND FINISH NOTES	DRAWING SIZE: B SCALE: 10 : 1	SHEET 1 of 1
		DRAWING NUMBER: OL-050-3993	REVISION LEVEL: C