

6 5 4 3 2 1

APPROVED: _____
 DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	9/25/20	

Technical drawings of a modular telephone plug. The drawings include a top view with dimensions 9.55^{+0.00}/_{-0.15} and $\phi 1.45^{+0.05}$; a side view with dimensions 2.8, 4.33, and 6.8; a perspective view with a length of 22.4 \pm 0.3 and a height of 1.02*7=7.14; a cross-sectional view with dimensions 6.1 \pm 0.08, 3.25 \pm 0.13, 2.77 \pm 0.1, 5.89 \pm 0.13, 7.4 \pm 0.1, and 6.6 \pm 0.1; a front view with a width of 11.68 \pm 0.1; a detail view of the contact area with dimensions 9.55^{+0.15}/_{0.00}; and a rear view.

"X"	PLATING
X	Gold flash
U	15 μ m Gold
W	30 μ m Gold
G	50 μ m Gold

SPECIFICATIONS:
 Material:
 Insulator: PC, Color: Clear
 Contacts: Copper Alloy
 Plating:
 Gold over Nickel underplate on contact area
 Electrical:
 Voltage rating: 150 VAC rms
 Current rating: 1.5 Amp
 Contact resistance: 20 mohms max
 Insulation resistance: 1000 Mohms min @ 500 VDC
 Dielectric withstanding voltage:
 Contact to Contact: 1,000 VDC or AC Peak for 1 minute
 Contact to Shield: 1,500 VDC or AC Peak for 1 minute
 Mechanical:
 Wire range: 21~23AWG, $\phi 1.35\text{mm}\sim 1.45\text{mm}$
 Temperature Rating:
 Operating temperature: -25°C to +55°C
 Environmental:
 Lead free, RoHS compliant.

UNLESS OTHERWISE SPECIFIED
 ALL DIMENSIONS ARE MILLIMETERS
 TOLERANCES: EXCEPT AS NOTED

0~15	± 0.15	ANGLE	$\pm 1^\circ$
15~30	± 0.20		
30~	± 0.25		

APPROVALS		DATE
DRAWN	LH	9/25/20
CHECKED	AY1	9/25/20
APPROVED		

ADAM TECH INTERCONNECTS 909 Rahway Avenue,
 Union, NJ 07083
 Phone: 908-687-5000
 Fax: 908-687-5710

TITLE: MODULAR TELEPHONE PLUG, 8P8C,
 SOLID WIRE CONTACTS, CATE 8

SIZE	PART NO.	REV.
X	MTP-88-X-S-C8-A	-

REF: S00005C SCALE: NTS SHEET 1 OF 1

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