GR-1435 QUALIFIED

SENKO®
Advanced Components
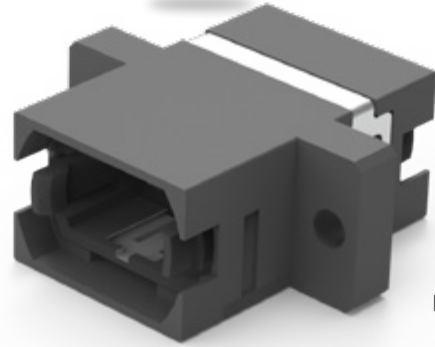
MPO+PLUS® SC FOOTPRINT ADAPTER
775 / 776 / 7W5 / 7W6 Series

MPO-PLUS® SC
Footprint Adapter

SENKO's MPO-PLUS® SC footprint is a durable one-piece design that fits standard SC adapter openings, ideal for current SC layouts. It features an optional unique external shutter to reduce ingress of contamination, providing laser and dust protection. The adapter is compatible with standard MPO connectors and is offered in 12/24F Center Key and 16/32F Offset Key options for different ferrule configurations.

Available in flanged and no-flange options, with various colors, this adapter suits high-density fiber optic networks in data centers, telecoms, and enterprises. Its compact design meets GR-1435 standards for reliability, guaranteeing outstanding performance with low maintenance.

FEATURES

- GR-1435 qualified
- Fits standard SC size panels
- Center and offset keyways
- One piece outer body construction
- Flanged and reduced flange

APPLICATIONS

- Artificial intelligence (AI)
- FTTx
- Telecommunications
- Medical imaging
- Data center
- Cloud computing
- High performance computing (HPC)

KEY BENEFITS

✔ **Color coded for fiber type identification**
✔ **Compatible with industry standard MPO connectors**

MPO-*PLUS*® *SC FOOTPRINT ADAPTER*
775 / 776 / 7W5 / 7W6 Series

Mechanical Data

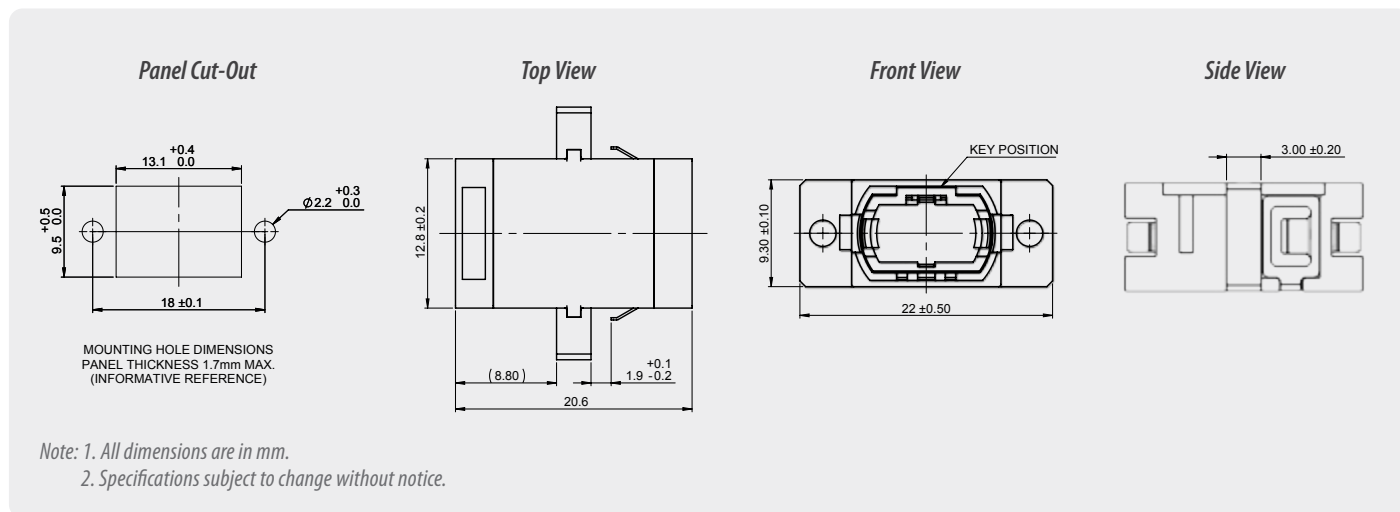|	Value
Durability	500 matings per TIA-568.3
Fixing Method	Snap-fit or screw and nut *(adapter with flange)*
Housing Material Type	Plastic

Environmental Data

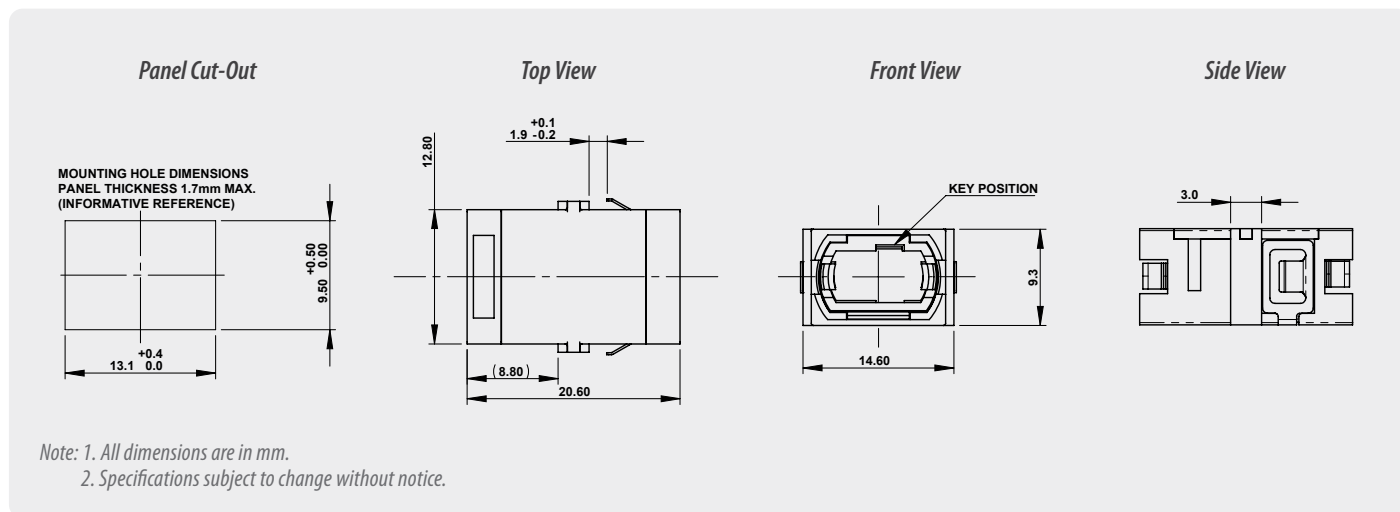|	Value
Operating Temperature	-40°C to +75°C
RoHS Compliance	Yes
REACH Compliance	Yes

MPO-*PLUS*® SC FOOTPRINT ADAPTER
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Adapter Drawing - 775-x Center Keyway with Flange

Panel Cut-Out	Top View	Front View	Side View

KEY POSITION

Note: 1. All dimensions are in mm.
2. Specifications subject to change without notice.

MOUNTING HOLE DIMENSIONS
PANEL THICKNESS 1.7mm MAX.
(INFORMATIVE REFERENCE)

Adapter Drawing - 7W6-x Offset Keyway no Flange

Panel Cut-Out	Top View	Front View	Side View

MOUNTING HOLE DIMENSIONS
PANEL THICKNESS 1.7mm MAX.
(INFORMATIVE REFERENCE)

KEY POSITION

Note: 1. All dimensions are in mm.
2. Specifications subject to change without notice.

ORDERING

MPO-PLUS® Adapter SC
Footprint with Flange

ADAPTER FLANGE		ADAPTER COLOR	
775	Flange *(Standard Flange)*	1	Black
776	No Flange *(Reduced Flange)*	2	OM3 Aqua
7W5	MPO 16/32F, Standard Flange	3	OM4 Heather Violet
7W6	MPO 16/32F, No Flange	K	Gray Aligned Key

775 - 1   ORDER CODE example

MPO-*PLUS*® SC FOOTPRINT ADAPTER
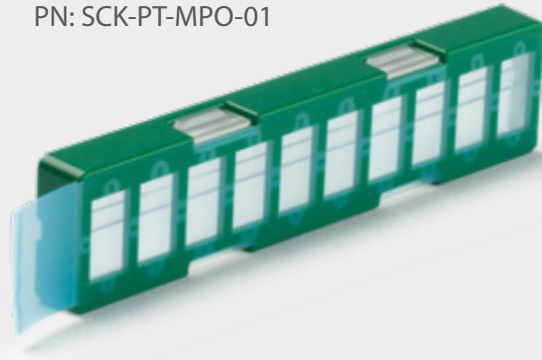## Accessories

Accessories - Cleaning

Smart Cleaner™
PN: SCK-SS-MPO (12/24F Center Key Connectors
PN: SCK-SS-MPO-02 (16/32F Offset Key Connectors)

CLEANINGS
600+

MPO-*PLUS*®
OPTRES Gel Cleaner
PN: SCK-PT-MPO-01

Accessories - Interferometry

SUMIX Manta W+ Inspection Scope
PN: SMX-Manta-W+

- Inspects 12 fiber in 2.6 seconds, 24 fiber in 4.5 seconds
- 0.5µm defect detection
- Inspection tips for MPO, CS, SN, LC available

SMX Manta W+
MPO Polarity and Continuity Module
PN: MPO Verifier

- Works for 8, 12, 24, 48 and 16, 32 fiber MPO
- Auto test and analysis

SUMIX Max QM+ Inspection Scope
PN: MAX-Quantum

- Inspects 12 fiber in 2.6 seconds, 24 fiber in 4.5 seconds
- 0.5µm defect detection

SMX Manta W+ Benchtop Holder
PN: MNT-W-Stand