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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	DRAWING REPLACES SMB45-W-OD1 AT REV A	10/27/14	D. CASTRO



Cat.5e Surface Mount Box 1-port  
Approximate size (2.2"x1.72"x1.10")

**Specifications**

UL certified  
Cat.5e/Cat.5+ Connecting Hardware of ANSI/TIA/EIA-568-B.2, ISO/IEC 11801, CENELEC EN 50173  
Meet IEC 60603-7

**Electrical**

Current Rating: 1.5 Amps  
Insulation resistance: 500 Mohms minimum  
Contact resistance: 20 mohms maximum  
DC resistance: 0.1ohms maximum  
Exceed enhanced Cat.5 requirements

**Mechanical**

Plug insertion life: 750 cycles minimum  
Plug & jack contact force: 100 grams minimum using FCC-approved plug  
Plug retention force: 30 lbs minimum  
Temperature: -40° to 150°F (-40° to 68°C)

**Physicals**

Housing: high impact flame retardant plastic, UL 94V-0 rated  
Jack wiring: 50m"/1.27 mm of gold over 100m"/2.54 mm of nickel  
Connector: Insulation displacement connector (IDC) accept 22-26 AWG solid wires

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES [mm] OVERALL CABLE LENGTH TOLERANCE: ≤12 [305] = +1 [25] / -0 >12 [305] ≤60 [1524] = +2 [51] / -0 >60 [1524] ≤120 [3048] = +4 [102] / -0 >120 [3048] ≤300 [7620] = +6 [152] / -0 >300 [7620] = +5% / -0% ALL OTHER DIMENSIONAL TOLERANCES: .X = ± .2 [5.08] .XX = ± .02 [51] .XXX = ±.005 [1.27]	APPROVALS DRAWN BY C.MCCORMICK	DATE 11/24/2003		45 BEECHWOOD DRIVE NORTH ANDOVER, MA 01845			
	CHECKED BY D.PARHAM	11/24/2003		CATEGORY TELECOM/MODULAR			
	APPROVED BY R.CARRICK	11/24/2003	PRODUCT DESCRIPTION SRFCE MNT BOX 1 PRT RJ45-W	SIZE <b>A</b>	FSCM NO. <b>43321</b>	DWG. NO. SMB45-W	REV. <b>A</b>
	PROJECTION 	COLOR VARIATIONS MAY OCCUR	SCALE: NONE	CAD FILE: SMB45-W.SLDDRW	SHEET 1 OF 1		