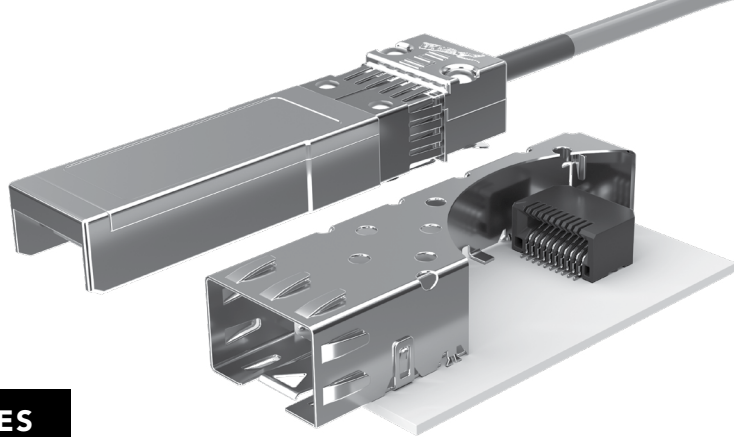



EYE[®]
SPEED
 I/O SYSTEM

SFP & SFP+ CABLE & TRANSCEIVER

(0.80 mm) .0315" PITCH • SFPE/MECT SERIES

SFPE
Mates:
 MECT, SFPC

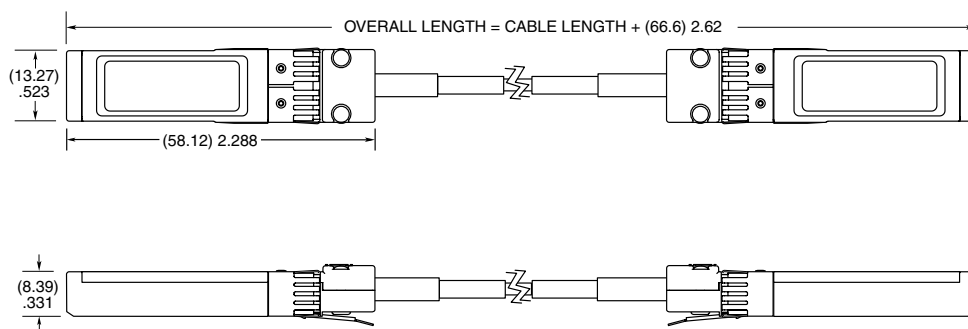
SPECIFICATIONS

Impedance:
 100 Ω
Signal Routing:
 Differential

SFPE
**NO. OF
PAIRS**
**CABLE
LENGTH**
EQUALIZATION
**WIRE
GAUGE**
-010
 = 2 Pairs

-XXXX
 = Length in millimeters
 -1000, -2000, -3000
 (Standard lengths)

-NE
 = Non Equalized

-32
 = 32 AWG

 View complete specifications at: samtec.com?SFPE
MECT
Mates:
 SFP, SFP+, XFP or
 XENPAK transceivers

SPECIFICATIONS

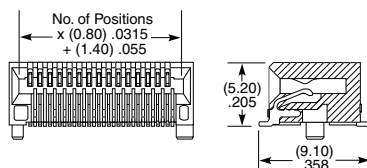
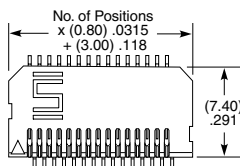
Insulator Material:
 Black LCP
Contact Material:
 Phosphor Bronze
Plating:
 Sn or Au over
 100 μ" (2.54 μm) Ni
Operating Temp Range:
 -55 °C to +125 °C
Current Rating:
 2 A per pin
 (6 pins powered)
Voltage Rating:
 275 VAC/389 VDC

MECT
1
**POSITIONS
PER ROW**
 10, 15, 35

**CARD
THICKNESS**
-01
 = (1 mm) .039"
 thick board

**PLATING
OPTION**
-M
 = 15 μ"
 (0.38 μm)
 Gold on
 contact,
 Matte Tin
 on tail

**OTHER
OPTION**
-TR
 = Tape & Reel

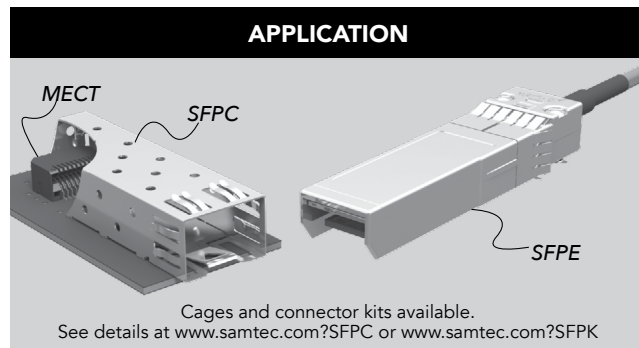
-FR
 = Full Reel
 Tape & Reel
 (must order max.
 quantity per reel;
 contact Samtec
 for quantity
 breaks)

15 POSITIONS SHOWN

PROCESSING

Lead-Free Solderable:
 Yes
SMT Lead Coplanarity:
 (0.10 mm) .004" max

Note:
 Some sizes, styles and
 options are non-standard,
 non-returnable.

APPLICATION


 Cages and connector kits available.
 See details at www.samtec.com?SFPC or www.samtec.com?SFPK

 View complete specifications at: samtec.com?MECT
WWW.SAMTEC.COM