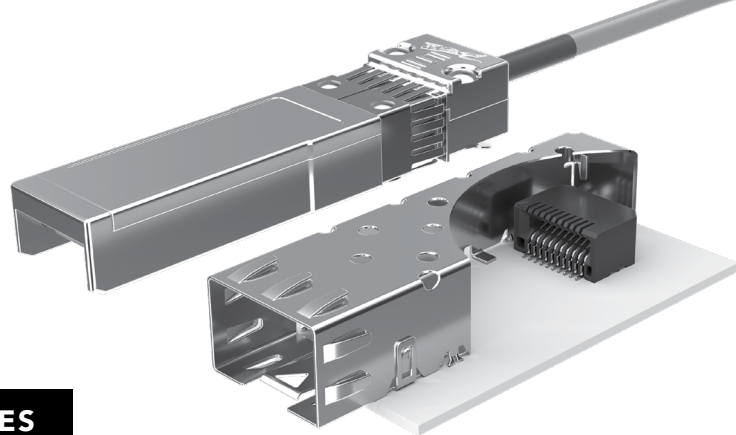




EYE[®]
SPEED
I/O SYSTEM

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

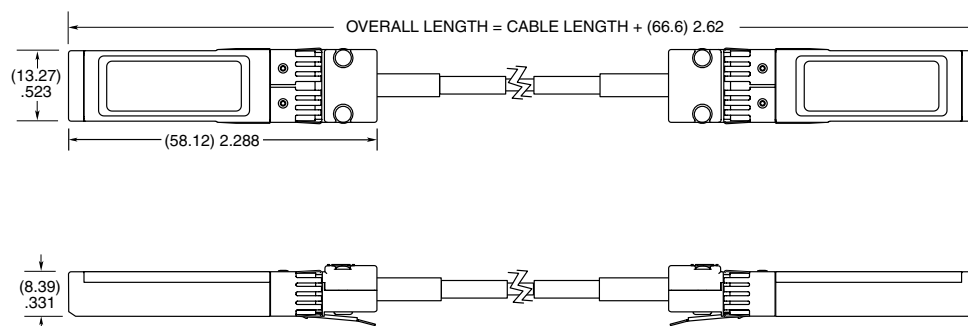
**WIRE
GAUGE**

-010
= 2 Pairs

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

-NE
= Non Equalized

-32
= 32 AWG

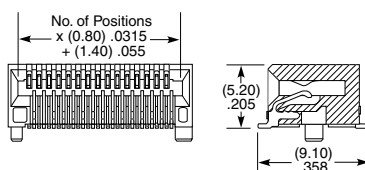
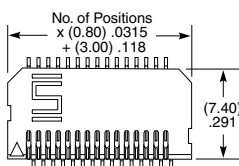


View complete specifications at: samtec.com?SFPE

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 μ m) Ni
Operating Temp Range:
-55 $^{\circ}$ C to +125 $^{\circ}$ C
Current Rating:
2 A per pin
(6 pins powered)
Voltage Rating:
275 VAC/389 VDC



15 POSITIONS SHOWN

MECT

1

**POSITIONS
PER ROW**

10, 15, 35

**CARD
THICKNESS**

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

**PLATING
OPTION**

-M
= 15 μ "
(0.38 μ m)
Gold on
contact,
Matte Tin
on tail

D

RA1

**OTHER
OPTION**

-TR
= Tape & Reel

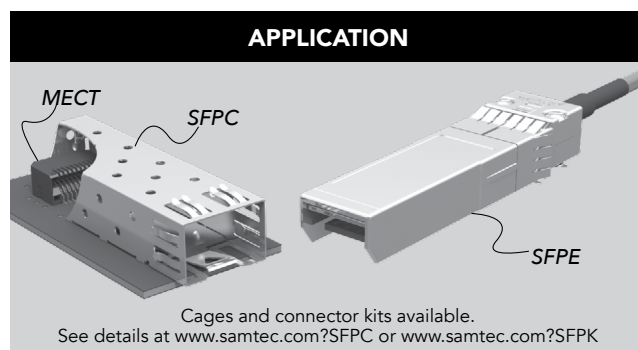
-FR
= Full Reel
Tape & Reel
(must order max.
quantity per reel;
contact Samtec
for quantity
breaks)

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

Unless otherwise approved in writing by Samtec, all parts and components are designed and built according to Samtec's specifications which are subject to change without notice.