samtec

MECT–115–01–M–D–RA1
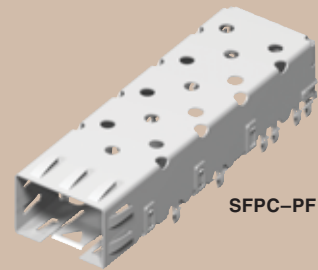
SFPC–PF

(0,80mm) .0315"

MECT, SFPC, SFPK SERIES

SFP & SFP+ TRANSCEIVER INTERFACES

Mates with:
SFPE & SFP, SFP+, XFP or XENPAK transceivers (For MSA specifications see www.schelto.com)

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?MECT

Insulator Material: Black LCP
Contact Material: Phosphor Bronze
Plating: Sn or Au over 100µ" (2,54µm) Ni
Operating Temp Range: -55°C to +125°C
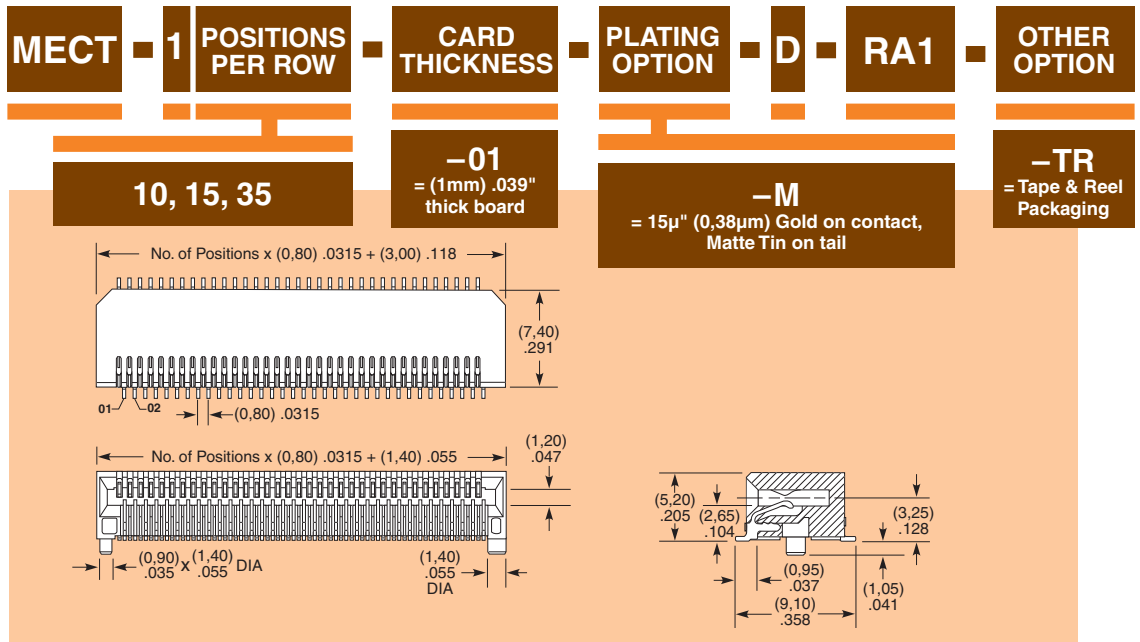**Current Rating:** 2A @ 80°C ambient (see website for details)
Voltage Rating: 265 VAC
RoHS Compliant: Yes

Processing:
Lead–Free Solderable: Yes
SMT Lead Coplanarity: (0,10mm) .004" max (10-35)

MECT	1	POSITIONS PER ROW	-	CARD THICKNESS	-	PLATING OPTION	-	D	-	RA1	-	OTHER OPTION

10, 15, 35

–01 = (1mm) .039" thick board

–M = 15µ" (0,38µm) Gold on contact, Matte Tin on tail

–TR = Tape & Reel Packaging

UL FILE NO. E111594

No. of Positions x (0,80) .0315 + (3,00) .118

(7,40) .291

01 — 02   (0,80) .0315

No. of Positions x (0,80) .0315 + (1,40) .055

(1,20) .047

(0,90) .035 x (1,40) .055 DIA   (1,40) .055 DIA

(5,20) .205   (2,65) .104   (3,25) .128

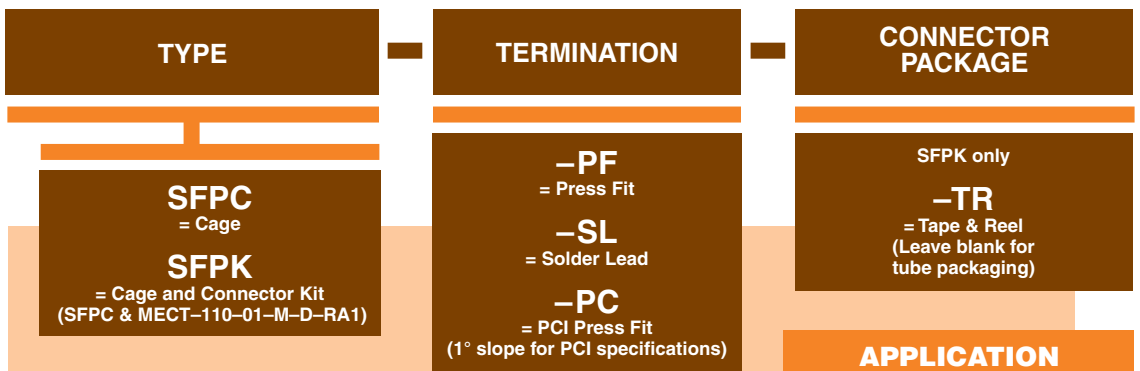(0,95) .037   (9,10) .358   (1,05) .041

Use with: MECT

SPECIFICATIONS

For complete specifications see www.samtec.com?SFPC or www.samtec.com?SFPK

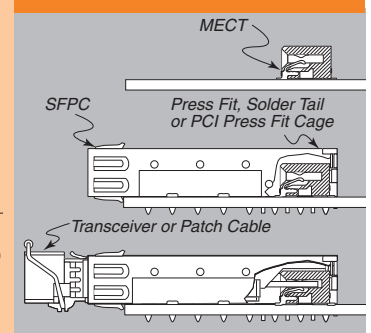For SFP specifications see www.schelto.com/SFP

TYPE	-	TERMINATION	-	CONNECTOR PACKAGE

SFPC = Cage

SFPK = Cage and Connector Kit (SFPC & MECT–110–01–M–D–RA1)

–PF = Press Fit

–SL = Solder Lead

–PC = PCI Press Fit (1° slope for PCI specifications)

SFPK only

–TR = Tape & Reel (Leave blank for tube packaging)

ALSO AVAILABLE

Two and four ganged cages in design. Call Samtec.

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

(48,67) 1.916

(14,0) .551

(14,25) .561

(9,76) .384

(–PF SHOWN)

APPLICATION

MECT

SFPC

Press Fit, Solder Tail or PCI Press Fit Cage

Transceiver or Patch Cable
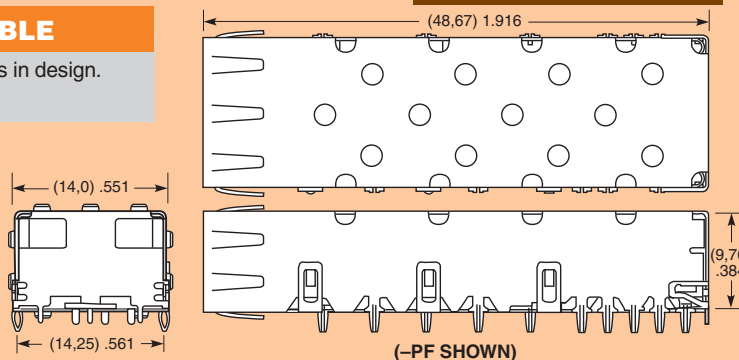
Due to technical progress, all designs, specifications and components are subject to change without notice.