2.40 mm Cable Assemblies

RF047-A, RF085, RF086, RF23C



VSWR

RF047-A: 1.35 max.
RF086: 1.40 max.
RF085: 1.40 max.
RF23C: 1.40 max.

SERIES	–	END 1 CONNECTOR	–	END 2 CONNECTOR	–	OVERALL LENGTH

RF047-A
= (1.2 mm) .047" overshield DIA 29 AWG millimeter wave cable

RF086
= (2.18 mm) .086" overshield DIA 23 AWG millimeter wave cable

RF085
= (2.16 mm) .085" overshield DIA 24 AWG millimeter wave cable

RF23C
= MWC-2350CU-01 millimeter wave cable with copper foil shield

–24SJ
= 2.40 mm Straight Jack

–24SP
= 2.40 mm Straight Plug

–"XXXX"
= Overall Length in millimeters

–0100 (100 mm) 3.94" minimum

ALSO AVAILABLE

1.00 mm, 1.35 mm, 1.85 mm, 2.92 mm, SMPM, SMP, SMP3, SMA = RF047-A

1.85 mm, 2.92 mm, SMPM, SMP, SMA = RF086

2.92 mm = RF085

2.92 mm, SMPM, SMP, SMA = RF23C

NITROWAVE® CABLES

• LL043

2.40 mm Board Connectors

240

Cable Mates:
RF047-A, RF086, RF085, RF23C, LL043



240	–	GENDER	–	TYPE	–	PLATING	–	ORIENTATION	–	TERMINATION	–	OPTION	–	PACKAGING

–J
= Jack

–P
= PCB Mount

–EP
= 50 µ" (1.27 µm) Gold center contact, Passivated outer contact

–ST
= Straight

–CM
= Compression Mount Stripline

–CMM
= Compression Mount Microstrip

–EL
= Edge Launch

–ELW
= Edge Launch Wide

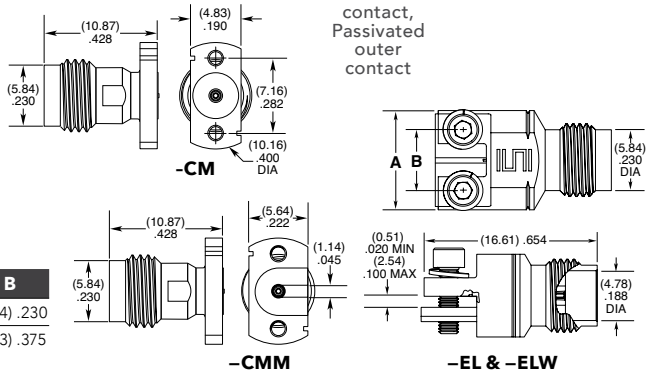
–1
= Without Screws (–CM & –CMM only)

–2
= With Screws (–CM & –CMM only)

–01
= .040" to .100" PCB thickness (–EL & –ELW only)

Leave blank for individually bagged

–B
= Bulk packaged



TERMINATION	A	B
–EL	(9.52) .375	(5.84) .230
–ELW	(12.70) .500	(9.53) .375

2.40 mm Cable Connectors

PRF24

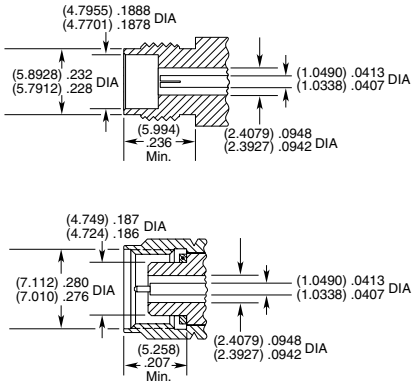


CONNECTORS FOR INDUSTRY STANDARD CABLES	
PRF24-J-C-EP-085-SS	Harbour SS405
PRF24-J-C-EP-405-BS	RG 405
PRF24-P-C-EE-085-SD	Harbour SS405
PRF24-P-C-EP-120A-SS	Semflex HP120
PRF24-J-C-EP-160-SS	Semflex HP160
PRF24-P-C-EP-160-SS	Semflex HP160
PRF24-J-C-EP-140B-SS	IW 1401
PRF24-P-C-EP-140B -SS	IW 1401
PRF24-J-C-EP-150B-SS	IW 1501
PRF24-J-C-EP-150-SS	Dynawave DF150
PRR24-J-C-EP-086-SS	Temp-Flex 1001935086
PRF24-P-C-EP-086-SS	Temp-Flex 1001935086

For a complete list of 2.40 mm cable connectors, visit www.samtec.com?PRF24

P-C = Cable Plug
J-C = Cable Jack
EE = Plating (50 µ" gold center contact & outer contact)
EP = Plating (50 µ" gold center contact, passivated outer contact)
SS = Straight, Solder Clamp
SD = Straight, Direct Solder
BS = Bulkhead, Solder Clamp

INTERFACE STANDARD



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.