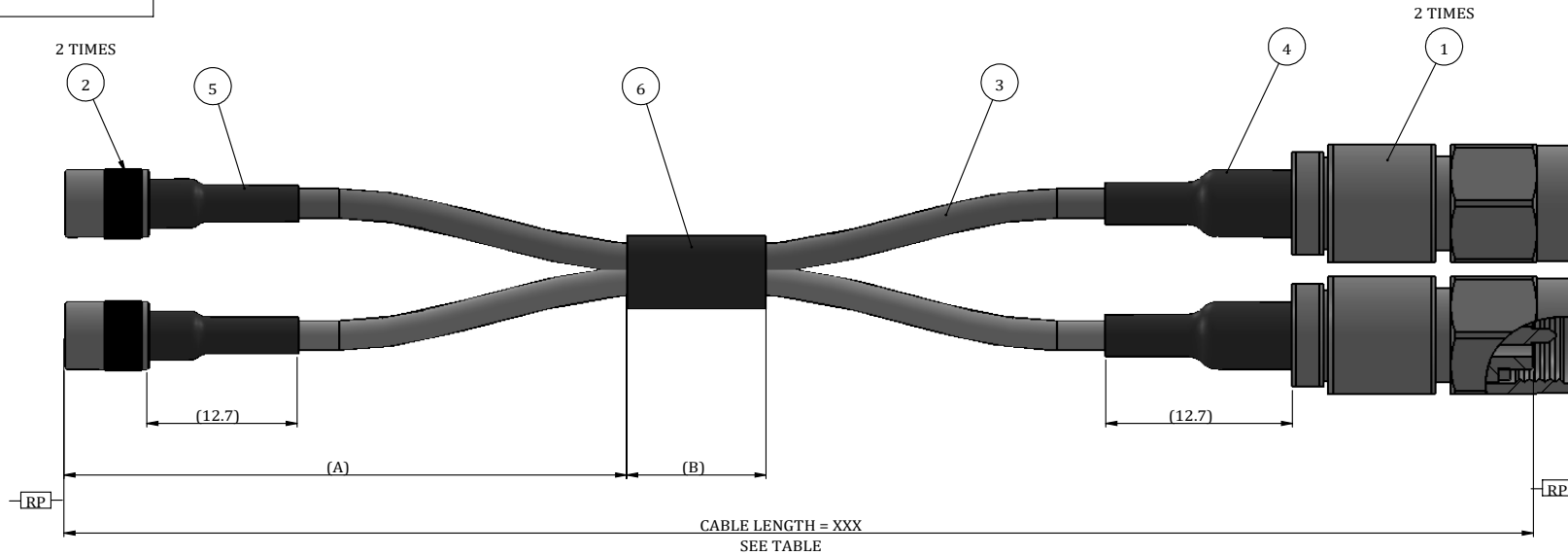


ELECTRICAL(S):

Impedance: 50 Ohms Nominal
 Frequency Range: DC to 40 GHz
 VSWR: DC-15GHz: RL≤-20dB
 15-18GHz: RL≤-14dB
 Insertion Loss:
 1.3 dB DC to 18 GHz
 Phase Matched in pairs @ 2.0pS

RoHS Compliant

| REV. | REGION | DESCRIPTION | DATE | BY |
|------|--------|--------------------------------|-----------|--------|
| A | | PRELIMINARY RELEASED | 12.Mar.20 | Falcon |
| B | | ADJUST HST LENGTH AND POSITION | 28.Apr.20 | Falcon |
| C | | ADJUST-02 ,CHANGE CABLE TYPE | 7.May.20 | Falcon |



| PART NUMBER | CABLE LENGTH | HST POSITION "A" | HST LENGTH "B" |
|--------------|--------------|------------------|----------------|
| TM40-0313-00 | 1020 mm | 480 mm | 63.5 mm |
| TM40-0313-01 | 160 mm | 60 mm | 25.4 mm |
| TM40-0313-02 | 310 mm | 130 mm | 38.1 mm |

| 7 | TM12-0100-00 | PROTECTIVE CAP | ----- | 2 |
|------|----------------|---------------------------------------|----------|-----------|
| 6 | M23053/5-106-0 | SEMI-REGID , 1/4 HST BLACK | ----- | See Table |
| 5 | M23053/4-101-0 | ADHESIVE , 1/8 HST BLACK | ----- | 1" |
| 4 | M23053/4-102-0 | ADHESIVE , 3/16 HST BLACK | ----- | 1" |
| 3 | 16701078-01 | 078 COAXIAL CABLE | ----- | See Table |
| 2 | TM14-0085-00 | CONNECTOR, SSMF, FEMALE STRAIGHT , SL | ----- | 2 |
| 1 | 61-10014-44460 | 2.92(M) STRAIGHT FOR 078 CABLE | ----- | 2 |
| ITEM | PART NUMBER | DESCRIPTION | MATERIAL | QTY. |

NOTE(S):

- SOLDER PER IPC J-STD-001, USING LEAD FREE SOLDER.
- NOMINAL TOLERANCE REFR TO ISO2768-F.
- CABLE LENGTH TOLERANCE REFER TO ISO2768-V, AND TOLERANCE VALUE MULTIPLIED BY 2.
- MATECHED CABLE @2.0pS AND PACKAGED OR SUPPLIED TOGETHER .
- UNLESS SPECIFIED , ELECTRIC TESTING PER DRAWING SPEC .
- PROTECTIVE CAP NOT SHOWN TO BE TM12-0100-00.

| ISO2768-V (mm) | | | | | |
|----------------|--------|---------|--------|---------|----------|
| 6~30 | 30-120 | 120~400 | 400~1K | 1K~2K | >2K |
| ±1 | ±1.5 | ±2.5 | ±4 | ±6 | ±8 |
| ISO2768-F (mm) | | | | | |
| 0.5~3 | 3~6 | 6~30 | 30~120 | 120~400 | 400~1000 |
| ±0.05 | ±0.05 | ±0.1 | ±0.1 | ±0.2 | ±0.3 |

| | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------------------------------------------------------------------------------------------------------|
| ☆ KEY DIMENSION NEED 100% INSPECTION (XX) REF. DIMENSION FOR REF. ONLY | DRAWN: Falcon | Dongguan City,Guangdong P.R. China 523533 |
| | CHECKED: | |
| | APPROVED: | |
| INFORMATION CONTAINED ON THIS DRAWING IS CONFIDENTIAL AND MAY ALSO CONTAIN PROPRIETARY CARLISLE/CUSTOMER INFORMATION. DRAWING CONTENT IS ONLY INTENDED FOR USE OF THE ABOVE CUSTOMER IF YOU ARE NOT THE INTENDED RECIPIENT OR AUTHORIZED EMPLOYEE OF ABOVE COMPANY NAME, YOU ARE HEREBY NOTIFIED ANY USE, DUPLICATION, RECONSTRUCTION, OR DISTRIBUTION OF DRAWING INFORMATION IS STRICTLY PROHIBITTED. | | MATERIAL: N/A PROJECT NAME: SSMP-Secure Lock (F) to 2.92(M), differential pair, 2ps phase match |
| PART NUMBER: TM40-0313-0X | | SIZE: A4 PART NAME: FINISHED GOODS ASSY REVISION: C DATA: 7.May.20 |
| SCALE 2:1 | | DO NOT SCALE DRAWING |
| | | SHEET 1 OF 1 |