



1.  $X_i = (2i - n - 1) \times 0.125$ , WHERE  $i$  CORRESPONDS TO THE 'i'th FIBER PER THE NUMBERING CONVENTION, AND  $n$  IS THE TOTAL NUMBER OF FIBERS IN THE ARRAY.
2. NOMINAL TRUE POSITION OF FIBER-HOLE CENTERS IS SHIFTED IN THE 'Y' DIRECTION (TOWARD THE NON-WINDOW SIDE) TO ACCOUNT FOR FERRULE TRANSLATION DUE TO THE 8° ANGLE - OPTIMIZED FOR 20N
3. MATERIAL: POLYPHENYLENE SULFIDE RESIN, MAT'L SPEC SHEET #C7718
4. GUIDE PINS SHOULD HAVE A DIAMETER RANGING FROM 0.6984 TO 0.6986 TO MINIMIZE INSERTION LOSS

**USCONEC LTD. PROPRIETARY**  
THIS DOCUMENT AND THE ASSOCIATED DATA CONTAIN RESTRICTED INFORMATION THAT IS USCONEC LTD. PROPERTY. DISCLOSE OR DUPLICATE FOR OTHERS ONLY AS AUTHORIZED BY USCONEC LTD.

**Material:** SEE NOTES

REV.	DATE	DESCRIPTION	ECN
C	10/15/19	ADDED MARKING & GATE OPTIONS CALLOUTS	2247-my
D1	6/18/24	UPDATED GATE LOC. TO BETTER MATCH AS-MOLDED	2680-rr
D	8/21/24	RELEASE	2680-rr
E1	2/18/25	REMOVED 1.5 x 1.5 x 0.1 FEATURE	2740-rr
E	3/28/25	RELEASE	2740-rr

▲ DENOTES CRITICAL DIMENSION

Hickory, NC  
800-769-0944  
www.usconec.com

**CUSTOMER DRAWING**

**USCONEC**

**TITLE**  
FERRULE, 24F, SM MT Elite®,  
PPS, Pre-Angled, 20N, W/ DIMPLES

**Material:** SEE NOTES

**REV. E**

**SIZE B** S&M Part No.: 18183 DWG NO. **C18183**

**METRIC/mm** SCALE N.T.S. Drafter M.McCROSKEY Date: 8/24/2016 SHEET 1 OF 1